Berliner
Astronomisches Jahrbuch
für
1927

152. Jahrgang

Herausgegeben von dem

Astronomischen Rechen-Institut

Berlin
Ferd. Dümmlers Verlagsbuchhandlung
(Kommissionsverlag)
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Astronomisches Rechen-Institut

Berlin-Dahlem, Altenstein Str. 40

Direktor:	Dr. A. Kopff, Universitätsprofessor
Observatoren:	Dr. J. Peters, Professor
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Assistenten:	Dr. A. Kahrstedt
	Dr. O. Kohl

Vorwort

Vom Jahrgang 1916 an ist der fundamentale Meridian, auf den alle Angaben des Jahrbuchs bezogen sind, der Meridian von Greenwich.

Die Zeit ist vom Jahrgang 1925 an in Welt-Zeit, d. i. Bürgerliche Zeit Greenwich, ausgedrückt (siehe Erläuterungen).

Die Grundlagen des Berliner Astronomischen Jahrbuchs bilden:

Für die Sonne und die großen Planeten:

Die Tafeln von Newcomb und (für Jupiter und Saturn) von Hill, enthalten in:

Astronomical Papers of the American Ephemeris,
Vol. VI, Part. I—IV: *Tables of the four inner planets,*
Vol. VII, Part I—IV: *Tables of Jupiter, Saturn, Uranus, Neptune.*

Als Sonnenhalbmesser in der mittleren Entfernung ist $16' 1''.50$ angenommen; dagegen liegt der Berechnung der Finsternisse der von Auwers in A. N., Bd. 128 gegebene Wert $15' 59''.63$ zugrunde.

Für den Mond:

Tables of the Motion of the Moon by Ernest W. Brown.

Der geozentrische Mondhalbmesser $r_☾$ ist aus der Äquatorial-Horizontalparallaxe $p_☾$ gerechnet nach der Formel

$$r_☾ = 0.272506\, p_☾ + 1''.50,$$

für die Finsternisse nach $\sin r_☾ = 0.272274 \sin p_☾$.

Als Neigung des Mondäquators gegen die Ekliptik ist nach F. Hayn (A. N. 199, 263) angenommen: $J = 1° 32' 20''$.

Für die Fixsterne:

Neuer Fundamentalkatalog des Berliner Astronomischen Jahrbuchs nach den Grundlagen von A. Auwers, für die Epochen 1875 und 1900 bearbeitet von Dr. J. Peters (Veröffentlichung Nr. 33 des Königlichen Astronomischen Rechen-Instituts).

Die Sterngrößen sind der »Revised Harvard Photometry (Harvard Annals, vol. 50)«, die Sternspektra dem »Henry Draper Catalogue (Harvard Annals, vol. 91—99)« entnommen.

Als Werte der fundamentalen Reduktionsgrößen sind angenommen:

Die Präzessions-Größen nach S. Newcomb (vgl. H. Andoyer, Bull. Astr. **28**, 67)	
Die Nutations-Konstante	9″.21
Die Nutations-Größen nach S. Newcomb (Bull. Astr. **15**, 241)	
Die Aberrations-Konstante	20″.47
Die Sonnen-Parallaxe	8″.80
Die Abplattung der Erde . . .	1 : 297.0

Für die Satelliten:

Die Angaben über die 4 älteren Jupitertrabanten beruhen auf den neuen Tafeln von R. A. Sampson (*Tables of the four great Satellites of Jupiter*. London 1910), die Angaben über die 8 älteren Saturnsatelliten auf den von H. Struve ermittelten Werten (Näheres s. Erläuterungen).

In allen Ephemeriden der Sonne, der Planeten und der Fixsterne sind die kurzperiodischen, von der Mondlänge abhängigen Nutationsglieder weggelassen; doch bietet das Jahrbuch die Möglichkeit, auch diese weggelassenen Glieder zu berücksichtigen (s. Erläuterungen).

Vom vorliegenden Jahrgang an werden die Hilfsgrößen p, q, r zur Reduktion scheinbarer Rektaszensions- und Deklinationsdifferenzen auf mittlere, für den Jahresanfang geltende, gegeben; sonst hat der Inhalt des Jahrbuchs gegen das Vorjahr keine Änderungen erfahren. Ein Teil der Angaben wurde seitens des Nautical Almanac, Washington, und des Nautical Almanac Office, London, zur Verfügung gestellt. Die Ephemeride des Kraters Mösting A. ist von dem Institut Astronomique in Leningrad berechnet worden. Bezüglich der Zahlengrundlagen sei auf die im Berliner Jahrbuch für 1916 gegebene Darstellung der »Grundbegriffe der Sphärischen Astronomie« hingewiesen.

Die Schriftleitung des Astronomischen Jahrbuchs für 1927 lag in den Händen von Herrn Peters, an den verschiedenen Arbeiten beteiligten sich außerdem die Herren Clemens, Stichtenoth und Kohl.

Astronomisches Rechen-Institut.

Inhalt

Zeit- und Festrechnung 1927

Das Jahr 1927 entspricht dem
Jahr 6640 der Julianischen Periode und dem
Jahr 7435 — 7436 der Byzantinischen Ära

Gregorianischer Kalender		Julianischer Kalender	Tag im Julianischen Kalender	Tag im Gregorianischen Kalender
Septuagesima	13. Febr.	Septuagesima	7. Febr.	20. Febr.
Aschermittwoch	2. März	Aschermittwoch	24. Febr.	9. März
I. Quatember	9. März	I. Quatember	3. März	16. März
Ostersonntag	17. April	Ostersonntag	11. April	24. April
Himmelfahrt	26. Mai	Himmelfahrt	20. Mai	2. Juni
Pfingstsonntag	5. Juni	Pfingstsonntag	30. Mai	12. Juni
II. Quatember	8. Juni	II. Quatember	2. Juni	15. Juni
III. Quatember	21. Sept.	III. Quatember	15. Sept.	28. Sept.
I. Advent	27. Nov.	I. Advent	28. Nov.	11. Dez.
IV. Quatember	14. Dez.	IV. Quatember	15. Dez.	28. Dez.

Kalender der Mohammedaner

1345 (Gemeinjahr)

1. Redscheb	1927	Jan.	5
1. Schabân	»	Febr.	4
1. Ramadân	»	März	5
1. Schewwâl	»	April	4
1. Dsû 'l-kade	»	Mai	3
1. Dsû 'l-hedsche	»	Juni	2

1346 (Schaltjahr)

1. Moharrem	1927	Juli	1
1. Safar	»	Juli	31
1. Rebî-el-awwel	»	Aug.	29
1. Rebî-el-accher	»	Sept.	28
1. Dschemâdi-el-awwel	»	Okt.	27
1. Dschemâdi-el-accher	»	Nov.	26
1. Redscheb	»	Dez.	25

Kalender der Juden

5687 (Abgekürztes Schaltjahr, 383 Tage)

Schebat	1	. . . .	1927	Jan.	4
Adar	1	. . . .	»	Febr.	3
	14	Klein Purim	»		16
Veadar	1	. . . .	»	März	5
	13	Fasten-Esther	»		17
	14	Purim	»		18
	15	Schuschan-Purim	»		19
Nisan	1	. . . .	»	April	3
	15	*Passah-Anfang	»		17
	16	*Zweites Fest	»		18
	21	*Siebentes Fest	»		23
	22	*Achtes Fest	»		24
Ijar	1	. . . .	»	Mai	3
	18	Lag-B'omer	»		20
Sivan	1	. . . .	»	Juni	1
	6	*Wochenfest	»		6
	7	*Zweites Fest	»		7
Thamuz	1	. . . .	»	Juli	1
	17	Fasten. Tempeleroberung	»		17
Ab	1	. . . .	»		30
	9	Fasten. Tempelverbrennung . . .	»	Aug.	7
Elul	1	. . . .	»		29

5688 (Regelmäßiges Gemeinjahr, 354 Tage)

Tischri	1	*Neujahrsfest	1927	Sept.	27
	2	*Zweites Fest	»		28
	3	Fasten-Gedaljah	»		29
	10	*Versöhnungsfest	»	Okt.	6
	15	*Laubhüttenfest	»		11
	16	*Zweites Fest	»		12
	21	Palmenfest	»		17
	22	*Versammlung oder Laubhüttenende .	»		18
	23	*Gesetzesfreude	»		19
Marcheschwan	1	. . . .	»		27
Kislev	1	. . . .	»	Nov.	25
	25	Tempelweihe	»	Dez.	19
Tebet	1	. . . .	»		25

Die mit * bezeichneten Festtage werden streng gefeiert

Astronomische Zeichen und Abkürzungen

Bezeichnung der Wochentage		Adspekten	
☉	Sonntag	☌	Konjunktion
☾	Montag	□	Quadratur
♂	Dienstag	☍	Opposition
☿	Mittwoch		**Mondphasen**
♃	Donnerstag	●	Neumond
♀	Freitag	◐	Erstes Viertel
♄	Sonnabend	○	Vollmond
		◑	Letztes Viertel

☊ Aufsteigender } Knoten
☋ Niedersteigender }

Zeichen
des Tierkreises und der Himmelskörper

♈	Widder . . .	0 Grad			
♉	Stier	30	»	☉	Sonne
♊	Zwillinge . .	60	»	☾	Mond
♋	Krebs	90	»	☿	Merkur
♌	Löwe	120	»	♀	Venus
♍	Jungfrau . .	150	»	♁	Erde
♎	Wage	180	»	♂	Mars
♏	Skorpion . .	210	»	♃	Jupiter
♐	Schütze . . .	240	»	♄	Saturn
♑	Steinbock . .	270	»	⛢	Uranus
♒	Wassermann	300	»	♆	Neptun
♓	Fische . . .	330	»		

Sonne, Mond, Große Planeten

1927

Tag	Wochentag	0h Welt-Zeit: Zeitgleichung Mittlere Zeit *minus* Wahre Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1927		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Jan. 0	Fr	+ 2 35.29	28.93	18 37 14.24	4 25.49	−23 10 20.2	4 10.1	71.12	16 17.81
1	Sa	3 4.22	28.66	18 41 39.73	4 25.22	23 6 10.1	4 37.9	71.09	16 17.82
2	St	3 32.88	28.36	18 46 4.95	4 24.91	23 1 32.2	5 5.3	71.05	16 17.83
3	Mo	4 1.24	28.01	18 50 29.86	4 24.57	22 56 26.9	5 32.8	71.01	16 17.83
4	Di	4 29.25	27.64	18 54 54.43	4 24.20	22 50 54.1	6 0.1	70.96	16 17.83
5	Mi	4 56.89	27.22	18 59 18.63	4 23.78	22 44 54.0	6 27.2	70.90	16 17.82
6	Do	+ 5 24.11	26.78	19 3 42.41	4 23.33	−22 38 26.8	6 54.1	70.84	16 17.81
7	Fr	5 50.89	26.30	19 8 5.74	4 22.86	22 31 32.7	7 20.8	70.78	16 17.80
8	Sa	6 17.19	25.79	19 12 28.60	4 22.35	22 24 11.9	7 47.3	70.72	16 17.78
9	St	6 42.98	25.25	19 16 50.95	4 21.81	22 16 24.6	8 13.5	70.65	16 17.76
10	Mo	7 8.23	24.69	19 21 12.76	4 21.24	22 8 11.1	8 39.5	70.58	16 17.74
11	Di	7 32.92	24.11	19 25 34.00	4 20.66	21 59 31.6	9 5.3	70.50	16 17.71
12	Mi	+ 7 57.03	23.49	19 29 54.66	4 20.05	−21 50 26.3	9 30.7	70.42	16 17.67
13	Do	8 20.52	22.86	19 34 14.71	4 19.42	21 40 55.6	9 56.0	70.34	16 17.63
14	Fr	8 43.38	22.21	19 38 34.13	4 18.78	21 30 59.6	10 20.8	70.26	16 17.58
15	Sa	9 5.59	21.55	19 42 52.91	4 18.11	21 20 38.8	10 45.4	70.17	16 17.53
16	St	9 27.14	20.88	19 47 11.02	4 17.43	21 9 53.4	11 9.7	70.08	16 17.47
17	Mo	9 48.02	20.18	19 51 28.45	4 16.74	20 58 43.7	11 33.7	69.99	16 17.41
18	Di	+10 8.20	19.48	19 55 45.19	4 16.04	−20 47 10.0	11 57.4	69.89	16 17.34
19	Mi	10 27.68	18.76	20 0 1.23	4 15.32	20 35 12.6	12 20.7	69.80	16 17.26
20	Do	10 46.44	18.04	20 4 16.55	4 14.59	20 22 51.9	12 43.7	69.70	16 17.18
21	Fr	11 4.48	17.30	20 8 31.14	4 13.86	20 10 8.2	13 6.5	69.60	16 17.09
22	Sa	11 21.78	16.55	20 12 45.00	4 13.11	19 57 1.7	13 28.8	69.49	16 16.99
23	St	11 38.33	15.80	20 16 58.11	4 12.35	19 43 32.9	13 50.8	69.39	16 16.89
24	Mo	+11 54.13	15.03	20 21 10.46	4 11.59	−19 29 42.1	14 12.4	69.28	16 16.79
25	Di	12 9.16	14.26	20 25 22.05	4 10.82	19 15 29.7	14 33.7	69.17	16 16.68
26	Mi	12 23.42	13.49	20 29 32.87	4 10.04	19 0 56.0	14 54.6	69.06	16 16.56
27	Do	12 36.91	12.70	20 33 42.91	4 9.25	18 46 1.4	15 15.1	68.94	16 16.44
28	Fr	12 49.61	11.90	20 37 52.16	4 8.46	18 30 46.3	15 35.3	68.83	16 16.31
29	Sa	13 1.51	11.11	20 42 0.62	4 7.67	18 15 11.0	15 55.1	68.72	16 16.18
30	St	+13 12.62	10.32	20 46 8.29	4 6.87	−17 59 15.9	16 14.4	68.61	16 16.05
31	Mo	13 22.94	9.50	20 50 15.16	4 6.06	17 43 1.5	16 33.5	68.49	16 15.92
Febr. 1	Di	13 32.44	8.68	20 54 21.22	4 5.24	17 26 28.0	16 52.0	68.38	16 15.78
2	Mi	13 41.12	7.87	20 58 26.46	4 4.42	17 9 36.0	17 10.1	68.26	16 15.63
3	Do	13 48.99	7.04	21 2 30.88	4 3.60	16 52 25.9	17 27.9	68.14	16 15.49
4	Fr	13 56.03	6.22	21 6 34.48	4 2.77	16 34 58.0	17 45.2	68.03	16 15.34
5	Sa	+14 2.25	5.39	21 10 37.25	4 1.94	−16 17 12.8	18 2.1	67.91	16 15.19
6	St	14 7.64	4.56	21 14 39.19	4 1.12	15 59 10.7	18 18.6	67.80	16 15.03
7	Mo	14 12.20	3.73	21 18 40.31	4 0.29	15 40 52.1	18 34.6	67.69	16 14.88
8	Di	14 15.93	2.91	21 22 40.60	3 59.46	15 22 17.5	18 50.1	67.57	16 14.72
9	Mi	14 18.84	2.10	21 26 40.06	3 58.65	15 3 27.4	19 5.3	67.46	16 14.55
10	Do	+14 20.94		21 30 38.71		−14 44 22.1		67.35	16 14.38

Tag	Julian. Zeit	Sternzeit	0ʰ Welt-Zeit – Mittleres Äquinoktium 1927.0 – Länge	Diff.	Breite	log R	Diff.	Aufgang in {+50° Breite, 0ʰ Länge}	Untergang
1927	2424	h m s	° ′ ″	′ ″	″			h m	h m
Jan. 0	880.5	6 34 38.95	278 33 46.7	61 10.3	+0.12	9.992 6943	44	7 59	16 7
1	881.5	6 38 35.51	279 34 57.0	61 10.6	+0.01	9.992 6899	26	7 59	16 8
2	882.5	6 42 32.07	280 36 7.6	61 10.7	−0.11	9.992 6873	10	7 59	16 9
3	883.5	6 46 28.63	281 37 18.3	61 10.8	−0.24	9.992 6863	−7	7 59	16 10
4	884.5	6 50 25.18	282 38 29.1	61 10.9	−0.38	9.992 6870	23	7 59	16 11
5	885.5	6 54 21.74	283 39 40.0	61 10.7	−0.51	9.992 6893	39	7 58	16 12
6	886.5	6 58 18.30	284 40 50.7	61 10.4	−0.63	9.992 6932	56	7 58	16 13
7	887.5	7 2 14.86	285 42 1.1	61 10.0	−0.73	9.992 6988	74	7 58	16 14
8	888.5	7 6 11.41	286 43 11.1	61 9.6	−0.82	9.992 7062	92	7 58	16 16
9	889.5	7 10 7.97	287 44 20.7	61 9.1	−0.87	9.992 7154	112	7 57	16 17
10	890.5	7 14 4.53	288 45 29.8	61 8.5	−0.89	9.992 7266	134	7 57	16 18
11	891.5	7 18 1.09	289 46 38.3	61 7.8	−0.87	9.992 7400	157	7 56	16 20
12	892.5	7 21 57.65	290 47 46.1	61 7.3	−0.82	9.992 7557	181	7 56	16 21
13	893.5	7 25 54.20	291 48 53.4	61 6.6	−0.74	9.992 7738	207	7 55	16 22
14	894.5	7 29 50.76	292 50 0.0	61 6.0	−0.63	9.992 7945	233	7 54	16 24
15	895.5	7 33 47.32	293 51 6.0	61 5.4	−0.51	9.992 8178	260	7 54	16 25
16	896.5	7 37 43.88	294 52 11.4	61 4.9	−0.37	9.992 8438	287	7 53	16 27
17	897.5	7 41 40.43	295 53 16.3	61 4.1	−0.24	9.992 8725	315	7 52	16 28
18	898.5	7 45 36.99	296 54 20.4	61 3.7	−0.11	9.992 9040	343	7 51	16 30
19	899.5	7 49 33.55	297 55 24.1	61 3.2	+0.01	9.992 9383	370	7 50	16 31
20	900.5	7 53 30.10	298 56 27.3	61 2.6	+0.11	9.992 9753	397	7 49	16 33
21	901.5	7 57 26.66	299 57 29.9	61 2.2	+0.19	9.993 0150	422	7 48	16 34
22	902.5	8 1 23.22	300 58 32.1	61 1.5	+0.24	9.993 0572	448	7 47	16 36
23	903.5	8 5 19.77	301 59 33.6	61 1.0	+0.27	9.993 1020	472	7 46	16 38
24	904.5	8 9 16.33	303 0 34.6	61 0.6	+0.28	9.993 1492	494	7 45	16 39
25	905.5	8 13 12.89	304 1 35.2	61 0.0	+0.25	9.993 1986	517	7 44	16 41
26	906.5	8 17 9.44	305 2 35.2	60 59.4	+0.20	9.993 2503	538	7 43	16 43
27	907.5	8 21 6.00	306 3 34.6	60 58.8	+0.13	9.993 3041	557	7 42	16 44
28	908.5	8 25 2.56	307 4 33.4	60 58.3	+0.04	9.993 3598	575	7 41	16 46
29	909.5	8 28 59.11	308 5 31.7	60 57.4	−0.08	9.993 4173	592	7 40	16 48
30	910.5	8 32 55.67	309 6 29.1	60 56.8	−0.21	9.993 4765	608	7 38	16 49
31	911.5	8 36 52.23	310 7 25.9	60 55.8	−0.34	9.993 5373	622	7 37	16 51
Febr. 1	912.5	8 40 48.78	311 8 21.7	60 55.0	−0.48	9.993 5995	635	7 35	16 53
2	913.5	8 44 45.34	312 9 16.7	60 54.0	−0.60	9.993 6630	647	7 34	16 54
3	914.5	8 48 41.89	313 10 10.7	60 52.7	−0.71	9.993 7277	660	7 32	16 56
4	915.5	8 52 38.45	314 11 3.4	60 51.4	−0.80	9.993 7937	672	7 31	16 58
5	916.5	8 56 35.00	315 11 54.8	60 50.1	−0.85	9.993 8609	686	7 30	17 0
6	917.5	9 0 31.56	316 12 44.9	60 48.7	−0.88	9.993 9295	700	7 28	17 1
7	918.5	9 4 28.11	317 13 33.6	60 47.1	−0.87	9.993 9995	715	7 26	17 3
8	919.5	9 8 24.67	318 14 20.7	60 45.5	−0.82	9.994 0710	731	7 25	17 5
9	920.5	9 12 21.22	319 15 6.2	60 44.0	−0.75	9.994 1441	749	7 23	17 6
10	921.5	9 16 17.78	320 15 50.2		−0.65	9.994 2190		7 22	17 8

Tag	Wochentag	0h Welt-Zeit: Zeitgleichung Mittlere Zeit *minus* Wahre Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1927		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Febr. 10	Do	+14 20.94	1.30	21 30 38.71	3 57.85	−14 44 22.1	19 20.0	67.35	16 14.38
11	Fr	14 22.24	0.49	21 34 36.56	3 57.05	14 25 2.1	19 34.4	67.24	16 14.21
12	Sa	14 22.73	0.29	21 38 33.61	3 56.27	14 5 27.7	19 48.3	67.13	16 14.04
13	St	14 22.44	1.07	21 42 29.88	3 55.49	13 45 39.4	20 1.7	67.02	16 13.86
14	Mo	14 21.37	1.82	21 46 25.37	3 54.73	13 25 37.7	20 14.8	66.91	16 13.67
15	Di	14 19.55	2.57	21 50 20.10	3 53.98	13 5 22.9	20 27.6	66.81	16 13.48
16	Mi	+14 16.98	3.30	21 54 14.08	3 53.26	−12 44 55.3	20 39.8	66.70	16 13.28
17	Do	14 13.68	4.00	21 58 7.34	3 52.55	12 24 15.5	20 51.7	66.60	16 13.08
18	Fr	14 9.68	4.71	22 1 59.89	3 51.85	12 3 23.8	21 3.2	66.50	16 12.88
19	Sa	14 4.97	5.39	22 5 51.74	3 51.16	11 42 20.6	21 14.3	66.40	16 12.67
20	St	13 59.58	6.06	22 9 42.90	3 50.49	11 21 6.3	21 24.9	66.30	16 12.46
21	Mo	13 53.52	6.70	22 13 33.39	3 49.85	10 59 41.4	21 35.2	66.20	16 12.24
22	Di	+13 46.82	7.33	22 17 23.24	3 49.22	−10 38 6.2	21 45.2	66.10	16 12.02
23	Mi	13 39.49	7.95	22 21 12.46	3 48.61	10 16 21.0	21 54.7	66.01	16 11.79
24	Do	13 31.54	8.55	22 25 1.07	3 48.01	9 54 26.3	22 3.8	65.92	16 11.56
25	Fr	13 22.99	9.13	22 28 49.08	3 47.42	9 32 22.5	22 12.4	65.83	16 11.33
26	Sa	13 13.86	9.70	22 32 36.50	3 46.86	9 10 10.1	22 20.8	65.75	16 11.09
27	St	13 4.16	10.24	22 36 23.36	3 46.32	8 47 49.3	22 28.7	65.66	16 10.86
28	Mo	+12 53.92	10.77	22 40 9.68	3 45.78	− 8 25 20.6	22 36.2	65.58	16 10.62
März 1	Di	12 43.15	11.29	22 43 55.46	3 45.26	8 2 44.4	22 43.4	65.50	16 10.38
2	Mi	12 31.86	11.80	22 47 40.72	3 44.75	7 40 1.0	22 50.1	65.42	16 10.13
3	Do	12 20.06	12.30	22 51 25.47	3 44.26	7 17 10.9	22 56.3	65.35	16 9.89
4	Fr	12 7.76	12.76	22 55 9.73	3 43.78	6 54 14.6	23 2.2	65.28	16 9.65
5	Sa	11 55.00	13.23	22 58 53.51	3 43.33	6 31 12.4	23 7.6	65.21	16 9.40
6	St	+11 41.77	13.69	23 2 36.84	3 42.87	− 6 8 4.8	23 12.6	65.14	16 9.15
7	Mo	11 28.08	14.11	23 6 19.71	3 42.43	5 44 52.2	23 17.3	65.08	16 8.91
8	Di	11 13.97	14.54	23 10 2.14	3 42.02	5 21 34.9	23 21.4	65.02	16 8.66
9	Mi	10 59.43	14.93	23 13 44.16	3 41.62	4 58 13.5	23 25.2	64.97	16 8.41
10	Do	10 44.50	15.31	23 17 25.78	3 41.24	4 34 48.3	23 28.6	64.91	16 8.16
11	Fr	10 29.19	15.67	23 21 7.02	3 40.89	4 11 19.7	23 31.7	64.86	16 7.91
12	Sa	+10 13.52	16.00	23 24 47.91	3 40.55	− 3 47 48.0	23 34.3	64.81	16 7.65
13	St	9 57.52	16.32	23 28 28.46	3 40.23	3 24 13.7	23 36.5	64.76	16 7.40
14	Mo	9 41.20	16.61	23 32 8.69	3 39.95	3 0 37.2	23 38.5	64.72	16 7.14
15	Di	9 24.59	16.88	23 35 48.64	3 39.68	2 36 58.7	23 40.0	64.68	16 6.88
16	Mi	9 7.71	17.12	23 39 28.32	3 39.43	2 13 18.7	23 41.2	64.64	16 6.62
17	Do	8 50.59	17.34	23 43 7.75	3 39.20	1 49 37.5	23 42.0	64.61	16 6.35
18	Fr	+ 8 33.25	17.55	23 46 46.95	3 39.01	− 1 25 55.5	23 42.5	64.58	16 6.08
19	Sa	8 15.70	17.72	23 50 25.96	3 38.84	1 2 13.0	23 42.6	64.55	16 5.81
20	St	7 57.98	17.87	23 54 4.80	3 38.68	0 38 30.4	23 42.5	64.53	16 5.54
21	Mo	7 40.11	18.00	23 57 43.48	3 38.55	− 0 14 47.9	23 41.9	64.51	16 5.27
22	Di	7 22.11	18.10	0 1 22.03	3 38.44	+ 0 8 54.0	23 41.0	64.49	16 4.99
23	Mi	+ 7 4.01		0 5 0.47		+ 0 32 35.0		64.47	16 4.71

Tag	Julian. Zeit	Sternzeit	Länge		Breite	log R		Aufgang	Untergang
			0h Welt-Zeit — Mittleres Äquinoktium 1927.0					in {+50° Breite, 0h Länge}	
1927	2424	h m s	° ′ ″	′ ″	″			h m	h m
Febr. 10	921.5	9 16 17.78	320 15 50.2	60 42.4	−0.65	9.994 2190	767	7 22	17 8
11	922.5	9 20 14.33	321 16 32.6	60 40.6	−0.53	9.994 2957	787	7 20	17 10
12	923.5	9 24 10.89	322 17 13.2	60 39.1	−0.40	9.994 3744	808	7 18	17 12
13	924.5	9 28 7.44	323 17 52.3	60 37.5	−0.27	9.994 4552	829	7 16	17 13
14	925.5	9 32 4.00	324 18 29.8	60 36.0	−0.13	9.994 5381	851	7 15	17 15
15	926.5	9 36 0.55	325 19 5.8	60 34.4	−0.01	9.994 6232	871	7 13	17 17
16	927.5	9 39 57.11	326 19 40.2	60 32.8	+0.10	9.994 7103	893	7 11	17 18
17	928.5	9 43 53.66	327 20 13.0	60 31.5	+0.19	9.994 7996	913	7 9	17 20
18	929.5	9 47 50.22	328 20 44.5	60 29.9	+0.25	9.994 8909	934	7 7	17 22
19	930.5	9 51 46.77	329 21 14.4	60 28.5	+0.29	9.994 9843	954	7 5	17 24
20	931.5	9 55 43.32	330 21 42.9	60 27.1	+0.30	9.995 0797	973	7 4	17 25
21	932.5	9 59 39.88	331 22 10.0	60 25.6	+0.29	9.995 1770	990	7 2	17 27
22	933.5	10 3 36.43	332 22 35.6	60 24.2	+0.24	9.995 2760	1008	7 0	17 29
23	934.5	10 7 32.98	333 22 59.8	60 22.9	+0.17	9.995 3768	1024	6 58	17 30
24	935.5	10 11 29.54	334 23 22.7	60 21.4	+0.08	9.995 4792	1038	6 56	17 32
25	936.5	10 15 26.09	335 23 44.1	60 20.1	−0.03	9.995 5830	1050	6 54	17 34
26	937.5	10 19 22.65	336 24 4.2	60 18.6	−0.15	9.995 6880	1061	6 52	17 35
27	938.5	10 23 19.20	337 24 22.8	60 17.1	−0.27	9.995 7941	1072	6 50	17 37
28	939.5	10 27 15.75	338 24 39.9	60 15.7	−0.40	9.995 9013	1079	6 48	17 39
März 1	940.5	10 31 12.31	339 24 55.6	60 14.1	−0.53	9.996 0092	1085	6 46	17 40
2	941.5	10 35 8.86	340 25 9.7	60 12.4	−0.64	9.996 1177	1091	6 44	17 42
3	942.5	10 39 5.41	341 25 22.1	60 10.6	−0.72	9.996 2268	1095	6 42	17 44
4	943.5	10 43 1.97	342 25 32.7	60 8.8	−0.77	9.996 3363	1099	6 40	17 45
5	944.5	10 46 58.52	343 25 41.5	60 6.9	−0.81	9.996 4462	1102	6 38	17 47
6	945.5	10 50 55.07	344 25 48.4	60 4.9	−0.80	9.996 5564	1106	6 36	17 49
7	946.5	10 54 51.63	345 25 53.3	60 2.8	−0.76	9.996 6670	1110	6 33	17 50
8	947.5	10 58 48.18	346 25 56.1	60 0.6	−0.69	9.996 7780	1116	6 31	17 52
9	948.5	11 2 44.73	347 25 56.7	59 58.3	−0.60	9.996 8896	1122	6 29	17 54
10	949.5	11 6 41.28	348 25 55.0	59 56.2	−0.48	9.997 0018	1131	6 27	17 55
11	950.5	11 10 37.84	349 25 51.2	59 53.9	−0.35	9.997 1149	1140	6 25	17 57
12	951.5	11 14 34.39	350 25 45.1	59 51.8	−0.22	9.997 2289	1150	6 23	17 58
13	952.5	11 18 30.94	351 25 36.9	59 49.5	−0.09	9.997 3439	1159	6 20	18 0
14	953.5	11 22 27.50	352 25 26.4	59 47.4	+0.03	9.997 4598	1171	6 18	18 2
15	954.5	11 26 24.05	353 25 13.8	59 45.3	+0.14	9.997 5769	1181	6 16	18 3
16	955.5	11 30 20.60	354 24 59.1	59 43.1	+0.23	9.997 6950	1193	6 14	18 5
17	956.5	11 34 17.15	355 24 42.2	59 41.1	+0.29	9.997 8143	1203	6 12	18 6
18	957.5	11 38 13.71	356 24 23.3	59 39.1	+0.33	9.997 9346	1214	6 10	18 8
19	958.5	11 42 10.26	357 24 2.4	59 37.1	+0.33	9.998 0560	1225	6 8	18 10
20	959.5	11 46 6.81	358 23 39.5	59 35.3	+0.32	9.998 1785	1234	6 5	18 11
21	960.5	11 50 3.36	359 23 14.8	59 33.2	+0.29	9.998 3019	1244	6 3	18 13
22	961.5	11 53 59.92	0 22 48.0	59 31.4	+0.24	9.998 4263	1252	6 1	18 14
23	962.5	11 57 56.47	1 22 19.4		+0.16	9.998 5515		5 59	18 16

Tag		Wochentag	Zeitgleichung Mittlere Zeit *minus* Wahre Zeit (0h Welt-Zeit)	Diff.	Scheinbare Rektaszension (0h Welt-Zeit)	Diff.	Scheinbare Deklination (0h Welt-Zeit)	Diff.	Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1927			m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
März	23	Mi	+7 4.01	18.18	0 5 0.47	3 38.37	+0 32 35.0	23 39.7	64.47	16 4.71
	24	Do	6 45.83	18.25	0 8 38.84	3 38.31	0 56 14.7	23 38.1	64.46	16 4.43
	25	Fr	6 27.58	18.29	0 12 17.15	3 38.27	1 19 52.8	23 36.3	64.45	16 4.15
	26	Sa	6 9.29	18.30	0 15 55.42	3 38.25	1 43 29.1	23 34.0	64.44	16 3.87
	27	St	5 50.99	18.30	0 19 33.67	3 38.25	2 7 3.1	23 31.4	64.44	16 3.59
	28	Mo	5 32.69	18.28	0 23 11.92	3 38.28	2 30 34.5	23 28.5	64.44	16 3.30
	29	Di	+5 14.41	18.23	0 26 50.20	3 38.32	+2 54 3.0	23 25.1	64.44	16 3.02
	30	Mi	4 56.18	18.17	0 30 28.52	3 38.38	3 17 28.1	23 21.4	64.45	16 2.74
	31	Do	4 38.01	18.10	0 34 6.90	3 38.44	3 40 49.5	23 17.4	64.46	16 2.46
April	1	Fr	4 19.91	18.02	0 37 45.34	3 38.54	4 4 6.9	23 13.0	64.47	16 2.18
	2	Sa	4 1.89	17.91	0 41 23.88	3 38.65	4 27 19.9	23 8.1	64.48	16 1.90
	3	St	3 43.98	17.79	0 45 2.53	3 38.77	4 50 28.0	23 3.0	64.50	16 1.62
	4	Mo	+3 26.19	17.65	0 48 41.30	3 38.89	+5 13 31.0	22 57.5	64.52	16 1.35
	5	Di	3 8.54	17.51	0 52 20.19	3 39.04	5 36 28.5	22 51.5	64.54	16 1.08
	6	Mi	2 51.03	17.35	0 55 59.23	3 39.20	5 59 20.0	22 45.2	64.57	16 0.80
	7	Do	2 33.68	17.17	0 59 38.43	3 39.39	6 22 5.2	22 38.5	64.60	16 0.53
	8	Fr	2 16.51	16.97	1 3 17.82	3 39.59	6 44 43.7	22 31.5	64.63	16 0.26
	9	Sa	1 59.54	16.76	1 6 57.41	3 39.80	7 7 15.2	22 24.2	64.66	15 59.99
	10	St	+1 42.78	16.52	1 10 37.21	3 40.02	+7 29 39.4	22 16.5	64.70	15 59.73
	11	Mo	1 26.26	16.26	1 14 17.23	3 40.28	7 51 55.9	22 8.4	64.74	15 59.46
	12	Di	1 10.00	16.00	1 17 57.51	3 40.56	8 14 4.3	21 59.9	64.78	15 59.19
	13	Mi	0 54.00	15.71	1 21 38.07	3 40.85	8 36 4.2	21 51.3	64.82	15 58.93
	14	Do	0 38.29	15.40	1 25 18.92	3 41.16	8 57 55.5	21 42.4	64.86	15 58.66
	15	Fr	0 22.89	15.06	1 29 0.08	3 41.48	9 19 37.9	21 33.0	64.91	15 58.39
	16	Sa	+0 7.83	14.73	1 32 41.56	3 41.83	+9 41 10.9	21 23.3	64.96	15 58.13
	17	St	−0 6.90	14.36	1 36 23.39	3 42.19	10 2 34.2	21 13.4	65.01	15 57.86
	18	Mo	0 21.26	13.98	1 40 5.58	3 42.58	10 23 47.6	21 3.2	65.06	15 57.59
	19	Di	0 35.24	13.58	1 43 48.16	3 42.98	10 44 50.8	20 52.5	65.12	15 57.33
	20	Mi	0 48.82	13.16	1 47 31.14	3 43.39	11 5 43.3	20 41.5	65.18	15 57.06
	21	Do	1 1.98	12.73	1 51 14.53	3 43.81	11 26 24.8	20 30.4	65.24	15 56.80
	22	Fr	−1 14.71	12.29	1 54 58.34	3 44.27	+11 46 55.2	20 18.8	65.31	15 56.53
	23	Sa	1 27.00	11.82	1 58 42.61	3 44.74	12 7 14.0	20 7.0	65.37	15 56.27
	24	St	1 38.82	11.34	2 2 27.35	3 45.21	12 27 21.0	19 54.9	65.44	15 56.00
	25	Mo	1 50.16	10.86	2 6 12.56	3 45.70	12 47 15.9	19 42.3	65.51	15 55.74
	26	Di	2 1.02	10.36	2 9 58.26	3 46.20	13 6 58.2	19 29.5	65.58	15 55.48
	27	Mi	2 11.38	9.84	2 13 44.46	3 46.71	13 26 27.7	19 16.5	65.65	15 55.23
	28	Do	−2 21.22	9.33	2 17 31.17	3 47.22	+13 45 44.2	19 3.0	65.72	15 54.97
	29	Fr	2 30.55	8.80	2 21 18.39	3 47.75	14 4 47.2	18 49.1	65.79	15 54.72
	30	Sa	2 39.35	8.28	2 25 6.14	3 48.28	14 23 36.3	18 35.0	65.87	15 54.47
Mai	1	St	2 47.63	7.75	2 28 54.42	3 48.81	14 42 11.3	18 20.4	65.94	15 54.23
	2	Mo	2 55.38	7.21	2 32 43.23	3 49.34	15 0 31.7	18 5.6	66.02	15 53.99
	3	Di	−3 2.59		2 36 32.57		+15 18 37.3		66.09	15 53.75

Tag	Julian. Zeit	Sternzeit	Mittleres Äquinoktium 1927.0 Länge		Breite	log *R*		Aufgang in {+50° Breite, 0h Länge}	Untergang
1927	242	h m s	° ′ ″	′ ″	″			h m	h m
März 23	4962.5	11 57 56.47	1 22 19.4	59 29.6	+0.16	9.998 5515	1259	5 59	18 16
24	4963.5	12 1 53.02	2 21 49.0	59 27.8	+0.05	9.998 6774	1265	5 57	18 18
25	4964.5	12 5 49.57	3 21 16.8	59 26.1	−0.07	9.998 8039	1271	5 54	18 19
26	4965.5	12 9 46.13	4 20 42.9	59 24.3	−0.20	9.998 9310	1273	5 52	18 21
27	4966.5	12 13 42.68	5 20 7.2	59 22.5	−0.33	9.999 0583	1275	5 50	18 22
28	4967.5	12 17 39.23	6 19 29.7	59 20.7	−0.45	9.999 1858	1274	5 48	18 24
29	4968.5	12 21 35.79	7 18 50.4	59 19.0	−0.56	9.999 3132	1271	5 46	18 25
30	4969.5	12 25 32.34	8 18 9.4	59 17.2	−0.64	9.999 4403	1268	5 44	18 27
31	4970.5	12 29 28.89	9 17 26.6	59 15.3	−0.70	9.999 5671	1263	5 41	18 28
April 1	4971.5	12 33 25.44	10 16 41.9	59 13.4	−0.73	9.999 6934	1256	5 39	18 30
2	4972.5	12 37 22.00	11 15 55.3	59 11.3	−0.73	9.999 8190	1250	5 37	18 32
3	4973.5	12 41 18.55	12 15 6.6	59 9.2	−0.70	9.999 9440	1242	5 35	18 33
4	4974.5	12 45 15.10	13 14 15.8	59 7.0	−0.63	0.000 0682	1235	5 33	18 35
5	4975.5	12 49 11.66	14 13 22.8	59 4.7	−0.54	0.000 1917	1229	5 30	18 36
6	4976.5	12 53 8.21	15 12 27.5	59 2.5	−0.42	0.000 3146	1223	5 28	18 38
7	4977.5	12 57 4.76	16 11 30.0	59 0.2	−0.30	0.000 4369	1218	5 26	18 39
8	4978.5	13 1 1.32	17 10 30.2	58 57.9	−0.17	0.000 5587	1215	5 24	18 41
9	4979.5	13 4 57.87	18 9 28.1	58 55.5	−0.04	0.000 6802	1213	5 22	18 43
10	4980.5	13 8 54.42	19 8 23.6	58 53.3	+0.09	0.000 8015	1210	5 20	18 44
11	4981.5	13 12 50.97	20 7 16.9	58 51.0	+0.20	0.000 9225	1210	5 18	18 46
12	4982.5	13 16 47.53	21 6 7.9	58 48.8	+0.29	0.001 0435	1209	5 16	18 47
13	4983.5	13 20 44.08	22 4 56.7	58 46.6	+0.36	0.001 1644	1208	5 14	18 49
14	4984.5	13 24 40.63	23 3 43.3	58 44.5	+0.40	0.001 2852	1208	5 12	18 50
15	4985.5	13 28 37.19	24 2 27.8	58 42.4	+0.42	0.001 4060	1208	5 10	18 52
16	4986.5	13 32 33.74	25 1 10.2	58 40.4	+0.41	0.001 5268	1208	5 8	18 54
17	4987.5	13 36 30.29	25 59 50.6	58 38.4	+0.37	0.001 6476	1208	5 5	18 55
18	4988.5	13 40 26.85	26 58 29.0	58 36.5	+0.32	0.001 7684	1208	5 3	18 57
19	4989.5	13 44 23.40	27 57 5.5	58 34.6	+0.24	0.001 8892	1206	5 1	18 58
20	4990.5	13 48 19.96	28 55 40.1	58 32.8	+0.14	0.002 0098	1204	4 59	19 0
21	4991.5	13 52 16.51	29 54 12.9	58 31.1	+0.02	0.002 1302	1202	4 57	19 1
22	4992.5	13 56 13.06	30 52 44.0	58 29.5	−0.11	0.002 2504	1199	4 55	19 3
23	4993.5	14 0 9.62	31 51 13.5	58 27.8	−0.24	0.002 3703	1193	4 53	19 4
24	4994.5	14 4 6.17	32 49 41.3	58 26.2	−0.36	0.002 4896	1187	4 51	19 6
25	4995.5	14 8 2.73	33 48 7.5	58 24.7	−0.46	0.002 6083	1178	4 50	19 8
26	4996.5	14 11 59.28	34 46 32.2	58 23.1	−0.56	0.002 7261	1167	4 48	19 9
27	4997.5	14 15 55.84	35 44 55.3	58 21.7	−0.62	0.002 8428	1157	4 46	19 11
28	4998.5	14 19 52.39	36 43 17.0	58 20.0	−0.65	0.002 9585	1143	4 44	19 12
29	4999.5	14 23 48.94	37 41 37.0	58 18.4	−0.65	0.003 0728	1127	4 42	19 14
30	5000.5	14 27 45.50	38 39 55.4	58 16.8	−0.62	0.003 1855	1111	4 40	19 15
Mai 1	5001.5	14 31 42.05	39 38 12.2	58 15.0	−0.55	0.003 2966	1094	4 38	19 17
2	5002.5	14 35 38.61	40 36 27.2	58 13.2	−0.46	0.003 4060	1078	4 37	19 18
3	5003.5	14 39 35.16	41 34 40.4		−0.35	0.003 5138		4 35	19 20

Header: 0h Welt-Zeit (spanning Julian. Zeit through log *R*).

Tag		Wochentag	0h Welt-Zeit: Zeitgleichung (Mittlere Zeit *minus* Wahre Zeit)		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1927			m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Mai	3	Di	−3 2.59	6.68	2 36 32.57	3 49.88	+15 18 37.3	17 50.5	66.09	15 53.75
	4	Mi	3 9.27	6.14	2 40 22.45	3 50.41	15 36 27.8	17 34.9	66.17	15 53.52
	5	Do	3 15.41	5.60	2 44 12.86	3 50.96	15 54 2.7	17 19.0	66.25	15 53.29
	6	Fr	3 21.01	5.06	2 48 3.82	3 51.50	16 11 21.7	17 2.8	66.33	15 53.06
	7	Sa	3 26.07	4.51	2 51 55.32	3 52.04	16 28 24.5	16 46.3	66.42	15 52.84
	8	St	3 30.58	3.96	2 55 47.36	3 52.60	16 45 10.8	16 29.5	66.50	15 52.62
	9	Mo	−3 34.54	3.41	2 59 39.96	3 53.14	+17 1 40.3	16 12.3	66.58	15 52.41
	10	Di	3 37.95	2.86	3 3 33.10	3 53.70	17 17 52.6	15 55.0	66.66	15 52.19
	11	Mi	3 40.81	2.29	3 7 26.80	3 54.26	17 33 47.6	15 37.3	66.74	15 51.98
	12	Do	3 43.10	1.73	3 11 21.06	3 54.82	17 49 24.9	15 19.3	66.82	15 51.77
	13	Fr	3 44.83	1.17	3 15 15.88	3 55.39	18 4 44.2	15 1.0	66.91	15 51.56
	14	Sa	3 46.00	0.61	3 19 11.27	3 55.95	18 19 45.2	14 42.5	66.99	15 51.36
	15	St	−3 46.61	0.04	3 23 7.22	3 56.51	+18 34 27.7	14 23.7	67.07	15 51.16
	16	Mo	3 46.65	_0.52_	3 27 3.73	3 57.08	18 48 51.4	14 4.6	67.15	15 50.96
	17	Di	3 46.13	1.08	3 31 0.81	3 57.64	19 2 56.0	13 45.3	67.23	15 50.76
	18	Mi	3 45.05	1.66	3 34 58.45	3 58.21	19 16 41.3	13 25.8	67.31	15 50.56
	19	Do	3 43.39	2.22	3 38 56.66	3 58.78	19 30 7.1	13 5.9	67.39	15 50.37
	20	Fr	3 41.17	2.78	3 42 55.44	3 59.34	19 43 13.0	12 45.9	67.47	15 50.17
	21	Sa	−3 38.39	3.34	3 46 54.78	3 59.89	+19 55 58.9	12 25.5	67.55	15 49.98
	22	St	3 35.05	3.89	3 50 54.67	4 0.45	20 8 24.4	12 5.0	67.63	15 49.80
	23	Mo	3 31.16	4.44	3 54 55.12	4 1.00	20 20 29.4	11 44.3	67.70	15 49.61
	24	Di	3 26.72	4.99	3 58 56.12	4 1.54	20 32 13.7	11 23.2	67.78	15 49.43
	25	Mi	3 21.73	5.51	4 2 57.66	4 2.07	20 43 36.9	11 1.9	67.85	15 49.25
	26	Do	3 16.22	6.03	4 6 59.73	4 2.59	20 54 38.8	10 40.4	67.92	15 49.08
	27	Fr	−3 10.19	6.54	4 11 2.32	4 3.09	+21 5 19.2	10 18.7	67.99	15 48.91
	28	Sa	3 3.65	7.03	4 15 5.41	4 3.59	21 15 37.9	9 56.8	68.06	15 48.74
	29	St	2 56.62	7.50	4 19 9.00	4 4.06	21 25 34.7	9 34.6	68.13	15 48.58
	30	Mo	2 49.12	7.96	4 23 13.06	4 4.52	21 35 9.3	9 12.1	68.19	15 48.43
	31	Di	2 41.16	8.39	4 27 17.58	4 4.95	21 44 21.4	8 49.5	68.25	15 48.28
Juni	1	Mi	2 32.77	8.81	4 31 22.53	4 5.36	21 53 10.9	8 26.6	68.31	15 48.13
	2	Do	−2 23.96	9.20	4 35 27.89	4 5.76	+22 1 37.5	8 3.6	68.37	15 47.99
	3	Fr	2 14.76	9.58	4 39 33.65	4 6.13	22 9 41.1	7 40.5	68.42	15 47.86
	4	Sa	2 5.18	9.93	4 43 39.78	4 6.49	22 17 21.6	7 17.0	68.47	15 47.73
	5	St	1 55.25	10.26	4 47 46.27	4 6.82	22 24 38.6	6 53.4	68.52	15 47.60
	6	Mo	1 44.99	10.58	4 51 53.09	4 7.14	22 31 32.0	6 29.7	68.57	15 47.48
	7	Di	1 34.41	10.88	4 56 0.23	4 7.43	22 38 1.7	6 5.8	68.62	15 47.36
	8	Mi	−1 23.53	11.15	5 0 7.66	4 7.71	+22 44 7.5	5 41.9	68.67	15 47.25
	9	Do	1 12.38	11.41	5 4 15.37	4 7.97	22 49 49.4	5 17.9	68.71	15 47.14
	10	Fr	1 0.97	11.65	5 8 23.34	4 8.20	22 55 7.3	4 53.6	68.74	15 47.04
	11	Sa	0 49.32	11.87	5 12 31.54	4 8.43	23 0 0.9	4 29.3	68.77	15 46.94
	12	St	0 37.45	12.07	5 16 39.97	4 8.63	23 4 30.2	4 5.0	68.80	15 46.84
	13	Mo	−0 25.38		5 20 48.60		+23 8 35.2		68.83	15 46.74

Tag	Julian. Zeit	Sternzeit	Mittleres Äquinoktium 1927.0 Länge		Breite	log *R*		Aufgang in {+50° Breite, 0h Länge}	Untergang in {+50° Breite, 0h Länge}
1927	2425	h m s	° ′ ″	′ ″	″			h m	h m
Mai 3	003.5	14 39 35.16	41 34 40.4	58 11.4	−0.35	0.003 5138	1060	4 35	19 20
4	004.5	14 43 31.72	42 32 51.8	58 9.5	−0.22	0.003 6198	1044	4 33	19 21
5	005.5	14 47 28.27	43 31 1.3	58 7.5	−0.08	0.003 7242	1028	4 31	19 23
6	006.5	14 51 24.83	44 29 8.8	58 5.7	+0.06	0.003 8270	1014	4 30	19 24
7	007.5	14 55 21.38	45 27 14.5	58 3.8	+0.19	0.003 9284	1000	4 28	19 26
8	008.5	14 59 17.94	46 25 18.3	58 1.8	+0.31	0.004 0284	987	4 26	19 28
9	009.5	15 3 14.50	47 23 20.1	57 59.9	+0.42	0.004 1271	976	4 25	19 29
10	010.5	15 7 11.05	48 21 20.0	57 58.0	+0.49	0.004 2247	964	4 23	19 30
11	011.5	15 11 7.61	49 19 18.0	57 56.3	+0.53	0.004 3211	954	4 22	19 32
12	012.5	15 15 4.16	50 17 14.3	57 54.5	+0.56	0.004 4165	944	4 20	19 33
13	013.5	15 19 0.72	51 15 8.8	57 52.8	+0.55	0.004 5109	934	4 18	19 35
14	014.5	15 22 57.27	52 13 1.6	57 51.2	+0.52	0.004 6043	925	4 17	19 36
15	015.5	15 26 53.83	53 10 52.8	57 49.5	+0.46	0.004 6968	916	4 16	19 38
16	016.5	15 30 50.39	54 8 42.3	57 48.1	+0.39	0.004 7884	907	4 14	19 39
17	017.5	15 34 46.94	55 6 30.4	57 46.6	+0.29	0.004 8791	898	4 13	19 40
18	018.5	15 38 43.50	56 4 17.0	57 45.4	+0.17	0.004 9689	889	4 11	19 42
19	019.5	15 42 40.05	57 2 2.4	57 44.0	+0.04	0.005 0578	880	4 10	19 43
20	020.5	15 46 36.61	57 59 46.4	57 42.8	−0.09	0.005 1458	869	4 9	19 44
21	021.5	15 50 33.17	58 57 29.2	57 41.7	−0.21	0.005 2327	858	4 8	19 46
22	022.5	15 54 29.72	59 55 10.9	57 40.7	−0.33	0.005 3185	845	4 6	19 47
23	023.5	15 58 26.28	60 52 51.6	57 39.7	−0.42	0.005 4030	831	4 5	19 48
24	024.5	16 2 22.84	61 50 31.3	57 38.6	−0.49	0.005 4861	814	4 4	19 50
25	025.5	16 6 19.39	62 48 9.9	57 37.7	−0.53	0.005 5675	797	4 3	19 51
26	026.5	16 10 15.95	63 45 47.6	57 36.9	−0.55	0.005 6472	779	4 2	19 52
27	027.5	16 14 12.51	64 43 24.5	57 35.9	−0.52	0.005 7251	758	4 1	19 53
28	028.5	16 18 9.07	65 41 0.4	57 35.0	−0.45	0.005 8009	736	4 0	19 55
29	029.5	16 22 5.62	66 38 35.4	57 33.9	−0.36	0.005 8745	713	3 59	19 56
30	030.5	16 26 2.18	67 36 9.3	57 32.9	−0.25	0.005 9458	689	3 58	19 57
31	031.5	16 29 58.74	68 33 42.2	57 31.9	−0.12	0.006 0147	665	3 57	19 58
Juni 1	032.5	16 33 55.29	69 31 14.1	57 30.7	+0.03	0.006 0812	642	3 56	19 59
2	033.5	16 37 51.85	70 28 44.8	57 29.6	+0.17	0.006 1454	618	3 56	20 0
3	034.5	16 41 48.41	71 26 14.4	57 28.3	+0.31	0.006 2072	596	3 55	20 1
4	035.5	16 45 44.97	72 23 42.7	57 27.2	+0.43	0.006 2668	575	3 54	20 2
5	036.5	16 49 41.52	73 21 9.9	57 26.0	+0.53	0.006 3243	553	3 54	20 3
6	037.5	16 53 38.08	74 18 35.9	57 24.8	+0.62	0.006 3796	534	3 53	20 4
7	038.5	16 57 34.64	75 16 0.7	57 23.7	+0.67	0.006 4330	515	3 53	20 5
8	039.5	17 1 31.20	76 13 24.4	57 22.7	+0.70	0.006 4845	498	3 52	20 6
9	040.5	17 5 27.75	77 10 47.1	57 21.5	+0.71	0.006 5343	480	3 52	20 6
10	041.5	17 9 24.31	78 8 8.6	57 20.5	+0.68	0.006 5823	464	3 51	20 7
11	042.5	17 13 20.87	79 5 29.1	57 19.6	+0.63	0.006 6287	448	3 51	20 8
12	043.5	17 17 17.43	80 2 48.7	57 18.8	+0.56	0.006 6735	433	3 51	20 8
13	044.5	17 21 13.98	81 0 7.5		+0.46	0.006 7168		3 50	20 9

Sonne 1927

Tag	Wochentag	0h Welt-Zeit: Zeitgleichung, Mittlere Zeit *minus* Wahre Zeit (m s)	Diff. (s)	Scheinbare Rektaszension (h m s)	Diff. (m s)	Scheinbare Deklination (° ′ ″)	Diff. (′ ″)	Halbe Durchgangs-Dauer St.-Zt. (s)	Halbmesser (′ ″)
1927									
Juni 13	Mo	−0 25.38	12.25	5 20 48.60	4 8.81	+23 8 35.2	3 40.5	68.83	15 46.74
14	Di	0 13.13	12.41	5 24 57.41	4 8.96	23 12 15.7	3 15.9	68.86	15 46.65
15	Mi	−0 0.72	12.55	5 29 6.37	4 9.11	23 15 31.6	2 51.4	68.88	15 46.56
16	Do	+0 11.83	12.68	5 33 15.48	4 9.24	23 18 23.0	2 26.7	68.90	15 46.48
17	Fr	0 24.51	12.79	5 37 24.72	4 9.34	23 20 49.7	2 2.1	68.91	15 46.40
18	Sa	0 37.30	12.87	5 41 34.06	4 9.44	23 22 51.8	1 37.4	68.93	15 46.32
19	St	+0 50.17	12.93	5 45 43.50	4 9.50	+23 24 29.2	1 12.6	68.94	15 46.24
20	Mo	1 3.10	12.99	5 49 53.00	4 9.54	23 25 41.8	0 47.8	68.94	15 46.17
21	Di	1 16.09	13.02	5 54 2.54	4 9.57	23 26 29.6	0 23.1	68.94	15 46.10
22	Mi	1 29.11	13.02	5 58 12.11	4 9.57	23 26 52.7	0 1.6	68.94	15 46.03
23	Do	1 42.13	12.99	6 2 21.68	4 9.56	23 26 51.1	0 26.4	68.93	15 45.97
24	Fr	1 55.12	12.95	6 6 31.24	4 9.51	23 26 24.7	0 51.2	68.92	15 45.92
25	Sa	+2 8.07	12.88	6 10 40.75	4 9.44	+23 25 33.5	1 15.9	68.91	15 45.87
26	St	2 20.95	12.79	6 14 50.19	4 9.34	23 24 17.6	1 40.6	68.90	15 45.82
27	Mo	2 33.74	12.66	6 18 59.53	4 9.22	23 22 37.0	2 5.3	68.89	15 45.78
28	Di	2 46.40	12.50	6 23 8.75	4 9.06	23 20 31.7	2 29.9	68.87	15 45.74
29	Mi	2 58.90	12.33	6 27 17.81	4 8.88	23 18 1.8	2 54.5	68.84	15 45.71
30	Do	3 11.23	12.12	6 31 26.69	4 8.68	23 15 7.3	3 19.0	68.82	15 45.69
Juli 1	Fr	+3 23.35	11.88	6 35 35.37	4 8.44	+23 11 48.3	3 43.4	68.79	15 45.67
2	Sa	3 35.23	11.61	6 39 43.81	4 8.18	23 8 4.9	4 7.6	68.75	15 45.66
3	St	3 46.84	11.34	6 43 51.99	4 7.89	23 3 57.3	4 31.9	68.71	15 45.65
4	Mo	3 58.18	11.04	6 47 59.88	4 7.59	22 59 25.4	4 56.0	68.67	15 45.65
5	Di	4 9.22	10.70	6 52 7.47	4 7.26	22 54 29.4	5 19.9	68.63	15 45.66
6	Mi	4 19.92	10.34	6 56 14.73	4 6.91	22 49 9.5	5 43.7	68.59	15 45.67
7	Do	+4 30.26	9.98	7 0 21.64	4 6.53	+22 43 25.8	6 7.3	68.55	15 45.68
8	Fr	4 40.24	9.60	7 4 28.17	4 6.14	22 37 18.5	6 30.9	68.49	15 45.70
9	Sa	4 49.84	9.18	7 8 34.31	4 5.75	22 30 47.6	6 54.3	68.44	15 45.72
10	St	4 59.02	8.76	7 12 40.06	4 5.33	22 23 53.3	7 17.4	68.38	15 45.74
11	Mo	5 7.78	8.33	7 16 45.39	4 4.88	22 16 35.9	7 40.3	68.32	15 45.77
12	Di	5 16.11	7.88	7 20 50.27	4 4.43	22 8 55.6	8 3.2	68.26	15 45.80
13	Mi	+5 23.99	7.41	7 24 54.70	4 3.97	+22 0 52.4	8 25.9	68.20	15 45.84
14	Do	5 31.40	6.94	7 28 58.67	4 3.50	21 52 26.5	8 48.4	68.14	15 45.88
15	Fr	5 38.34	6.46	7 33 2.17	4 3.02	21 43 38.1	9 10.5	68.07	15 45.93
16	Sa	5 44.80	5.96	7 37 5.19	4 2.52	21 34 27.6	9 32.5	68.00	15 45.97
17	St	5 50.76	5.47	7 41 7.71	4 2.02	21 24 55.1	9 54.4	67.93	15 46.02
18	Mo	5 56.23	4.96	7 45 9.73	4 1.52	21 15 0.7	10 16.1	67.85	15 46.08
19	Di	+6 1.19	4.45	7 49 11.25	4 1.01	+21 4 44.6	10 37.4	67.78	15 46.13
20	Mi	6 5.64	3.93	7 53 12.26	4 0.48	20 54 7.2	10 58.6	67.71	15 46.19
21	Do	6 9.57	3.39	7 57 12.74	3 59.95	20 43 8.6	11 19.6	67.63	15 46.25
22	Fr	6 12.96	2.85	8 1 12.69	3 59.41	20 31 49.0	11 40.2	67.55	15 46.32
23	Sa	6 15.81	2.30	8 5 12.10	3 58.85	20 20 8.8	12 0.8	67.47	15 46.39
24	St	+6 18.11		8 9 10.95		+20 8 8.0		67.39	15 46.47

Tag	0ʰ Welt-Zeit							Aufgang	Untergang
	Julian. Zeit	Sternzeit	Mittleres Äquinoktium 1927.0 Länge		Breite	log R		in {+50° Breite, 0ʰ Länge}	
1927	2425	h m s	° ′ ″	′ ″	″			h m	h m
Juni 13	044.5	17 21 13.98	81 0 7.5	57 17.8	+0.46	0.006 7168	419	3 50	20 9
14	045.5	17 25 10.54	81 57 25.3	57 17.1	+0.34	0.006 7587	405	3 50	20 10
15	046.5	17 29 7.10	82 54 42.4	57 16.4	+0.22	0.006 7992	391	3 50	20 10
16	047.5	17 33 3.66	83 51 58.8	57 16.0	+0.09	0.006 8383	378	3 50	20 11
17	048.5	17 37 0.21	84 49 14.8	57 15.5	−0.04	0.006 8761	364	3 50	20 11
18	049.5	17 40 56.77	85 46 30.3	57 15.0	−0.16	0.006 9125	349	3 50	20 12
19	050.5	17 44 53.33	86 43 45.3	57 14.7	−0.27	0.006 9474	334	3 50	20 12
20	051.5	17 48 49.89	87 41 0.0	57 14.7	−0.36	0.006 9808	317	3 50	20 12
21	052.5	17 52 46.45	88 38 14.7	57 14.4	−0.41	0.007 0125	299	3 50	20 12
22	053.5	17 56 43.00	89 35 29.1	57 14.2	−0.43	0.007 0424	279	3 50	20 13
23	054.5	18 0 39.56	90 32 43.3	57 14.2	−0.42	0.007 0703	259	3 51	20 13
24	055.5	18 4 36.12	91 29 57.5	57 14.1	−0.37	0.007 0962	236	3 51	20 13
25	056.5	18 8 32.68	92 27 11.6	57 14.2	−0.29	0.007 1198	212	3 51	20 13
26	057.5	18 12 29.23	93 24 25.8	57 14.1	−0.18	0.007 1410	187	3 52	20 13
27	058.5	18 16 25.79	94 21 39.9	57 13.9	−0.05	0.007 1597	162	3 52	20 13
28	059.5	18 20 22.35	95 18 53.8	57 13.8	+0.09	0.007 1759	135	3 52	20 13
29	060.5	18 24 18.91	96 16 7.6	57 13.7	+0.23	0.007 1894	109	3 53	20 13
30	061.5	18 28 15.47	97 13 21.3	57 13.5	+0.36	0.007 2003	82	3 53	20 13
Juli 1	062.5	18 32 12.02	98 10 34.8	57 13.1	+0.49	0.007 2085	56	3 54	20 13
2	063.5	18 36 8.58	99 7 47.9	57 12.9	+0.60	0.007 2141	30	3 55	20 12
3	064.5	18 40 5.14	100 5 0.8	57 12.8	+0.69	0.007 2171	6	3 55	20 12
4	065.5	18 44 1.70	101 2 13.6	57 12.5	+0.76	0.007 2177	−17	3 56	20 12
5	066.5	18 47 58.25	101 59 26.1	57 12.2	+0.79	0.007 2160	40	3 57	20 11
6	067.5	18 51 54.81	102 56 38.3	57 12.0	+0.80	0.007 2120	62	3 58	20 11
7	068.5	18 55 51.37	103 53 50.3	57 11.9	+0.79	0.007 2058	81	3 58	20 10
8	069.5	18 59 47.93	104 51 2.2	57 11.6	+0.74	0.007 1977	101	3 59	20 10
9	070.5	19 3 44.48	105 48 13.8	57 11.5	+0.67	0.007 1876	120	4 0	20 9
10	071.5	19 7 41.04	106 45 25.3	57 11.5	+0.58	0.007 1756	137	4 1	20 9
11	072.5	19 11 37.60	107 42 36.8	57 11.5	+0.47	0.007 1619	154	4 2	20 8
12	073.5	19 15 34.16	108 39 48.3	57 11.6	+0.35	0.007 1465	170	4 3	20 7
13	074.5	19 19 30.71	109 36 59.9	57 11.7	+0.23	0.007 1295	184	4 4	20 6
14	075.5	19 23 27.27	110 34 11.6	57 12.0	+0.10	0.007 1111	199	4 5	20 6
15	076.5	19 27 23.83	111 31 23.6	57 12.3	−0.03	0.007 0912	212	4 6	20 5
16	077.5	19 31 20.39	112 28 35.9	57 12.7	−0.14	0.007 0700	226	4 7	20 4
17	078.5	19 35 16.94	113 25 48.6	57 13.4	−0.23	0.007 0474	242	4 8	20 3
18	079.5	19 39 13.50	114 23 2.0	57 13.9	−0.30	0.007 0232	256	4 9	20 2
19	080.5	19 43 10.06	115 20 15.9	57 14.6	−0.33	0.006 9976	272	4 10	20 1
20	081.5	19 47 6.61	116 17 30.5	57 15.5	−0.33	0.006 9704	290	4 12	20 0
21	082.5	19 51 3.17	117 14 46.0	57 16.2	−0.30	0.006 9414	309	4 13	19 59
22	083.5	19 54 59.73	118 12 2.2	57 17.2	−0.23	0.006 9105	329	4 14	19 58
23	084.5	19 58 56.28	119 9 19.4	57 18.0	−0.13	0.006 8776	351	4 15	19 56
24	085.5	20 2 52.84	120 6 37.4		−0.01	0.006 8425		4 17	19 55

Tag		Wochentag	0h Welt-Zeit: Zeitgleichung (Mittlere Zeit *minus* Wahre Zeit)		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1927			m s	s	h m s	m s	° ' "	' "	s	' "
Juli	24	St	+6 18.11	1.75	8 9 10.95	3 58.30	+20 8 8.0	12 21.0	67.39	15 46.47
	25	Mo	6 19.86	1.18	8 13 9.25	3 57.74	19 55 47.0	12 41.0	67.31	15 46.55
	26	Di	6 21.04	0.59	8 17 6.99	3 57.16	19 43 6.0	13 0.7	67.23	15 46.64
	27	Mi	6 21.63	0.01	8 21 4.15	3 56.56	19 30 5.3	13 20.2	67.14	15 46.73
	28	Do	6 21.64	0.58	8 25 0.71	3 55.97	19 16 45.1	13 39.4	67.06	15 46.83
	29	Fr	6 21.06	1.19	8 28 56.68	3 55.37	19 3 5.7	13 58.2	66.97	15 46.93
	30	Sa	+6 19.87	1.79	8 32 52.05	3 54.76	+18 49 7.5	14 16.8	66.88	15 47.04
	31	St	6 18.08	2.41	8 36 46.81	3 54.14	18 34 50.7	14 35.1	66.80	15 47.15
Aug.	1	Mo	6 15.67	3.03	8 40 40.95	3 53.53	18 20 15.6	14 53.2	66.71	15 47.27
	2	Di	6 12.64	3.65	8 44 34.48	3 52.91	18 5 22.4	15 11.0	66.62	15 47.39
	3	Mi	6 8.99	4.27	8 48 27.39	3 52.28	17 50 11.4	15 28.3	66.54	15 47.52
	4	Do	6 4.72	4.89	8 52 19.67	3 51.66	17 34 43.1	15 45.4	66.45	15 47.66
	5	Fr	+5 59.83	5.52	8 56 11.33	3 51.05	+17 18 57.7	16 2.2	66.36	15 47.79
	6	Sa	5 54.31	6.13	9 0 2.38	3 50.43	17 2 55.5	16 18.7	66.28	15 47.93
	7	St	5 48.18	6.74	9 3 52.81	3 49.81	16 46 36.8	16 35.0	66.19	15 48.08
	8	Mo	5 41.44	7.34	9 7 42.62	3 49.21	16 30 1.8	16 50.8	66.10	15 48.23
	9	Di	5 34.10	7.95	9 11 31.83	3 48.61	16 13 11.0	17 6.4	66.02	15 48.38
	10	Mi	5 26.15	8.55	9 15 20.44	3 48.01	15 56 4.6	17 21.7	65.93	15 48.54
	11	Do	+5 17.60	9.13	9 19 8.45	3 47.43	+15 38 42.9	17 36.7	65.85	15 48.70
	12	Fr	5 8.47	9.69	9 22 55.88	3 46.86	15 21 6.2	17 51.3	65.77	15 48.86
	13	Sa	4 58.78	10.25	9 26 42.74	3 46.30	15 3 14.9	18 5.8	65.69	15 49.02
	14	St	4 48.53	10.80	9 30 29.04	3 45.75	14 45 9.1	18 19.9	65.61	15 49.18
	15	Mo	4 37.73	11.33	9 34 14.79	3 45.22	14 26 49.2	18 33.6	65.53	15 49.35
	16	Di	4 26.40	11.86	9 38 0.01	3 44.70	14 8 15.6	18 47.2	65.45	15 49.52
	17	Mi	+4 14.54	12.36	9 41 44.71	3 44.20	+13 49 28.4	19 0.4	65.37	15 49.69
	18	Do	4 2.18	12.85	9 45 28.91	3 43.70	13 30 28.0	19 13.4	65.29	15 49.87
	19	Fr	3 49.33	13.34	9 49 12.61	3 43.22	13 11 14.6	19 26.0	65.22	15 50.05
	20	Sa	3 35.99	13.80	9 52 55.83	3 42.76	12 51 48.6	19 38.3	65.14	15 50.23
	21	St	3 22.19	14.26	9 56 38.59	3 42.29	12 32 10.3	19 50.3	65.07	15 50.41
	22	Mo	3 7.93	14.71	10 0 20.88	3 41.84	12 12 20.0	20 2.0	65.00	15 50.60
	23	Di	+2 53.22	15.15	10 4 2.72	3 41.40	+11 52 18.0	20 13.4	64.94	15 50.79
	24	Mi	2 38.07	15.58	10 7 44.12	3 40.98	11 32 4.6	20 24.4	64.87	15 50.98
	25	Do	2 22.49	16.00	10 11 25.10	3 40.56	11 11 40.2	20 35.2	64.81	15 51.18
	26	Fr	2 6.49	16.40	10 15 5.66	3 40.14	10 51 5.0	20 45.5	64.75	15 51.39
	27	Sa	1 50.09	16.80	10 18 45.80	3 39.75	10 30 19.5	20 55.6	64.69	15 51.60
	28	St	1 33.29	17.19	10 22 25.55	3 39.37	10 9 23.9	21 5.3	64.63	15 51.81
	29	Mo	+1 16.10	17.57	10 26 4.92	3 38.99	+ 9 48 18.6	21 14.7	64.58	15 52.03
	30	Di	0 58.53	17.92	10 29 43.91	3 38.63	9 27 3.9	21 23.6	64.52	15 52.25
	31	Mi	0 40.61	18.26	10 33 22.54	3 38.29	9 5 40.3	21 32.3	64.47	15 52.47
Sept.	1	Do	0 22.35	18.60	10 37 0.83	3 37.95	8 44 8.0	21 40.7	64.42	15 52.70
	2	Fr	+0 3.75	18.92	10 40 38.78	3 37.64	8 22 27.3	21 48.7	64.37	15 52.93
	3	Sa	−0 15.17		10 44 16.42		+ 8 0 38.6		64.33	15 53.16

Tag	0h Welt-Zeit: Julian. Zeit	Sternzeit	Mittleres Äquinoktium 1927.0: Länge	Diff.	Breite	log R	Diff.	Aufgang in {+50° Breite, 0h Länge}	Untergang in {+50° Breite, 0h Länge}
1927	2425	h m s	° ′ ″	′ ″	″			h m	h m
Juli 24	085.5	20 2 52.84	120 6 37.4	57 18.9	−0.01	0.006 8425	374	4 17	19 55
25	086.5	20 6 49.40	121 3 56.3	57 19.7	+0.11	0.006 8051	397	4 18	19 54
26	087.5	20 10 45.95	122 1 16.0	57 20.6	+0.25	0.006 7654	422	4 19	19 53
27	088.5	20 14 42.51	122 58 36.6	57 21.4	+0.39	0.006 7232	447	4 20	19 51
28	089.5	20 18 39.07	123 55 58.0	57 22.1	+0.52	0.006 6785	471	4 22	19 50
29	090.5	20 22 35.62	124 53 20.1	57 23.0	+0.64	0.006 6314	496	4 23	19 49
30	091.5	20 26 32.18	125 50 43.1	57 23.6	+0.73	0.006 5818	521	4 25	19 47
31	092.5	20 30 28.73	126 48 6.7	57 24.4	+0.80	0.006 5297	545	4 26	19 46
Aug. 1	093.5	20 34 25.29	127 45 31.1	57 25.0	+0.85	0.006 4752	567	4 27	19 44
2	094.5	20 38 21.85	128 42 56.1	57 25.7	+0.87	0.006 4185	589	4 29	19 43
3	095.5	20 42 18.40	129 40 21.8	57 26.4	+0.86	0.006 3596	610	4 30	19 41
4	096.5	20 46 14.96	130 37 48.2	57 27.1	+0.82	0.006 2986	630	4 32	19 40
5	097.5	20 50 11.51	131 35 15.3	57 27.9	+0.75	0.006 2356	648	4 33	19 38
6	098.5	20 54 8.07	132 32 43.2	57 28.5	+0.68	0.006 1708	666	4 34	19 36
7	099.5	20 58 4.63	133 30 11.7	57 29.3	+0.58	0.006 1042	683	4 36	19 35
8	100.5	21 2 1.18	134 27 41.0	57 30.1	+0.46	0.006 0359	698	4 37	19 33
9	101.5	21 5 57.74	135 25 11.1	57 31.1	+0.33	0.005 9661	712	4 39	19 31
10	102.5	21 9 54.29	136 22 42.2	57 32.0	+0.20	0.005 8949	724	4 40	19 29
11	103.5	21 13 50.85	137 20 14.2	57 32.9	+0.08	0.005 8225	735	4 42	19 28
12	104.5	21 17 47.40	138 17 47.1	57 34.0	−0.03	0.005 7490	747	4 43	19 26
13	105.5	21 21 43.96	139 15 21.1	57 35.2	−0.11	0.005 6743	756	4 45	19 24
14	106.5	21 25 40.51	140 12 56.3	57 36.5	−0.18	0.005 5987	766	4 46	19 22
15	107.5	21 29 37.07	141 10 32.8	57 37.8	−0.23	0.005 5221	777	4 48	19 20
16	108.5	21 33 33.62	142 8 10.6	57 39.3	−0.23	0.005 4444	787	4 49	19 18
17	109.5	21 37 30.18	143 5 49.9	57 40.9	−0.20	0.005 3657	798	4 51	19 17
18	110.5	21 41 26.73	144 3 30.8	57 42.5	−0.15	0.005 2859	812	4 52	19 15
19	111.5	21 45 23.29	145 1 13.3	57 44.1	−0.06	0.005 2047	826	4 54	19 13
20	112.5	21 49 19.84	145 58 57.4	57 45.9	+0.04	0.005 1221	841	4 55	19 11
21	113.5	21 53 16.39	146 56 43.3	57 47.5	+0.16	0.005 0380	857	4 57	19 9
22	114.5	21 57 12.95	147 54 30.8	57 49.3	+0.31	0.004 9523	874	4 58	19 7
23	115.5	22 1 9.50	148 52 20.1	57 50.9	+0.45	0.004 8649	893	5 0	19 5
24	116.5	22 5 6.06	149 50 11.0	57 52.5	+0.58	0.004 7756	911	5 1	19 3
25	117.5	22 9 2.61	150 48 3.5	57 54.2	+0.69	0.004 6845	931	5 3	19 1
26	118.5	22 12 59.17	151 45 57.7	57 55.7	+0.78	0.004 5914	950	5 4	18 59
27	119.5	22 16 55.72	152 43 53.4	57 57.3	+0.86	0.004 4964	969	5 6	18 57
28	120.5	22 20 52.27	153 41 50.7	57 58.9	+0.90	0.004 3995	987	5 7	18 55
29	121.5	22 24 48.83	154 39 49.6	58 0.3	+0.92	0.004 3008	1006	5 8	18 53
30	122.5	22 28 45.38	155 37 49.9	58 1.8	+0.91	0.004 2002	1022	5 10	18 51
31	123.5	22 32 41.93	156 35 51.7	58 3.3	+0.89	0.004 0980	1038	5 12	18 48
Sept. 1	124.5	22 36 38.49	157 33 55.0	58 4.6	+0.83	0.003 9942	1054	5 13	18 46
2	125.5	22 40 35.04	158 31 59.6	58 6.1	+0.76	0.003 8888	1068	5 14	18 44
3	126.5	22 44 31.59	159 30 5.7		+0.66	0.003 7820		5 16	18 42

Tag	Wochentag	0ʰ Welt-Zeit: Zeitgleichung, Mittlere Zeit *minus* Wahre Zeit (m s)	Diff. (s)	Scheinbare Rektaszension (h m s)	Diff. (m s)	Scheinbare Deklination (° ′ ″)	Diff. (′ ″)	Halbe Durchgangs-Dauer St.-Zt. (s)	Halbmesser (′ ″)
1927 Sept. 3	Sa	— 0 15.17	19.21	10 44 16.42	3 37.34	+8 0 38.6	21 56.4	64.33	15 53.16
4	St	0 34.38	19.50	10 47 53.76	3 37.05	7 38 42.2	22 3.8	64.29	15 53.40
5	Mo	0 53.88	19.77	10 51 30.81	3 36.79	7 16 38.4	22 10.7	64.25	15 53.64
6	Di	1 13.65	20.02	10 55 7.60	3 36.54	6 54 27.7	22 17.4	64.21	15 53.88
7	Mi	1 33.67	20.24	10 58 44.14	3 36.31	6 32 10.3	22 23.7	64.18	15 54.13
8	Do	1 53.91	20.45	11 2 20.45	3 36.10	6 9 46.6	22 29.8	64.15	15 54.37
9	Fr	— 2 14.36	20.64	11 5 56.55	3 35.92	+5 47 16.8	22 35.5	64.13	15 54.62
10	Sa	2 35.00	20.80	11 9 32.47	3 35.75	5 24 41.3	22 40.9	64.10	15 54.87
11	St	2 55.80	20.95	11 13 8.22	3 35.60	5 2 0.4	22 45.9	64.08	15 55.12
12	Mo	3 16.75	21.06	11 16 43.82	3 35.49	4 39 14.5	22 50.8	64.06	15 55.37
13	Di	3 37.81	21.16	11 20 19.31	3 35.40	4 16 23.7	22 55.3	64.04	15 55.62
14	Mi	3 58.97	21.22	11 23 54.71	3 35.34	3 53 28.4	22 59.5	64.03	15 55.87
15	Do	— 4 20.19	21.27	11 27 30.05	3 35.28	+3 30 28.9	23 3.4	64.02	15 56.12
16	Fr	4 41.46	21.29	11 31 5.33	3 35.26	3 7 25.5	23 7.0	64.01	15 56.37
17	Sa	5 2.75	21.29	11 34 40.59	3 35.26	2 44 18.5	23 10.2	64.01	15 56.62
18	St	5 24.04	21.28	11 38 15.85	3 35.28	2 21 8.3	23 13.2	64.01	15 56.88
19	Mo	5 45.32	21.24	11 41 51.13	3 35.31	1 57 55.1	23 15.9	64.01	15 57.13
20	Di	6 6.56	21.19	11 45 26.44	3 35.36	1 34 39.2	23 18.1	64.01	15 57.39
21	Mi	— 6 27.75	21.11	11 49 1.80	3 35.44	+1 11 21.1	23 20.0	64.02	15 57.65
22	Do	6 48.86	21.02	11 52 37.24	3 35.54	0 48 1.1	23 21.7	64.03	15 57.91
23	Fr	7 9.88	20.92	11 56 12.78	3 35.64	0 24 39.4	23 22.9	64.04	15 58.18
24	Sa	7 30.80	20.79	11 59 48.42	3 35.76	+0 1 16.5	23 23.7	64.06	15 58.44
25	St	7 51.59	20.64	12 3 24.18	3 35.90	—0 22 7.2	23 24.3	64.08	15 58.71
26	Mo	8 12.23	20.49	12 7 0.08	3 36.06	0 45 31.5	23 24.4	64.10	15 58.98
27	Di	— 8 32.72	20.31	12 10 36.14	3 36.24	—1 8 55.9	23 24.1	64.13	15 59.25
28	Mi	8 53.03	20.12	12 14 12.38	3 36.44	1 32 20.0	23 23.6	64.16	15 59.53
29	Do	9 13.15	19.90	12 17 48.82	3 36.66	1 55 43.6	23 22.6	64.19	15 59.80
30	Fr	9 33.05	19.67	12 21 25.48	3 36.88	2 19 6.2	23 21.3	64.22	16 0.08
Okt. 1	Sa	9 52.72	19.42	12 25 2.36	3 37.13	2 42 27.5	23 19.6	64.26	16 0.36
2	St	10 12.14	19.15	12 28 39.49	3 37.40	3 5 47.1	23 17.5	64.30	16 0.64
3	Mo	—10 31.29	18.85	12 32 16.89	3 37.70	—3 29 4.6	23 15.1	64.35	16 0.92
4	Di	10 50.14	18.56	12 35 54.59	3 38.00	3 52 19.7	23 12.2	64.39	16 1.21
5	Mi	11 8.70	18.23	12 39 32.59	3 38.32	4 15 31.9	23 9.1	64.44	16 1.49
6	Do	11 26.93	17.88	12 43 10.91	3 38.67	4 38 41.0	23 5.6	64.49	16 1.77
7	Fr	11 44.81	17.51	12 46 49.58	3 39.05	5 1 46.6	23 1.7	64.55	16 2.06
8	Sa	12 2.32	17.12	12 50 28.63	3 39.44	5 24 48.3	22 57.5	64.61	16 2.34
9	St	—12 19.44	16.70	12 54 8.07	3 39.85	—5 47 45.8	22 52.8	64.67	16 2.62
10	Mo	12 36.14	16.26	12 57 47.92	3 40.29	6 10 38.6	22 47.9	64.73	16 2.90
11	Di	12 52.40	15.79	13 1 28.21	3 40.76	6 33 26.5	22 42.7	64.80	16 3.17
12	Mi	13 8.19	15.31	13 5 8.97	3 41.24	6 56 9.2	22 37.1	64.87	16 3.45
13	Do	13 23.50	14.81	13 8 50.21	3 41.75	7 18 46.3	22 31.2	64.94	16 3.72
14	Fr	—13 38.31		13 12 31.96		—7 41 17.5		65.02	16 4.00

Tag	Julian. Zeit	Sternzeit	0h Welt-Zeit — Mittleres Äquinoktium 1927.0 — Länge		Breite	log R		Aufgang in {+50° Breite, 0h Länge}	Untergang in {+50° Breite, 0h Länge}
1927	2425	h m s	° ′ ″	′ ″	″			h m	h m
Sept. 3	126.5	22 44 31.59	159 30 5.7	58 7.5	+0.66	0.003 7820	1081	5 16	18 42
4	127.5	22 48 28.15	160 28 13.2	58 9.0	+0.55	0.003 6739	1093	5 18	18 40
5	128.5	22 52 24.70	161 26 22.2	58 10.4	+0.43	0.003 5646	1103	5 19	18 38
6	129.5	22 56 21.25	162 24 32.6	58 11.9	+0.31	0.003 4543	1112	5 20	18 36
7	130.5	23 0 17.81	163 22 44.5	58 13.5	+0.19	0.003 3431	1119	5 22	18 34
8	131.5	23 4 14.36	164 20 58.0	58 14.9	+0.09	0.003 2312	1125	5 24	18 31
9	132.5	23 8 10.91	165 19 12.9	58 16.5	−0.01	0.003 1187	1129	5 25	18 29
10	133.5	23 12 7.47	166 17 29.4	58 18.3	−0.07	0.003 0058	1133	5 26	18 27
11	134.5	23 16 4.02	167 15 47.7	58 20.1	−0.12	0.002 8925	1135	5 28	18 25
12	135.5	23 20 0.57	168 14 7.8	58 21.9	−0.12	0.002 7790	1137	5 29	18 23
13	136.5	23 23 57.13	169 12 29.7	58 23.8	−0.10	0.002 6653	1138	5 31	18 21
14	137.5	23 27 53.68	170 10 53.5	58 25.9	−0.04	0.002 5515	1141	5 32	18 18
15	138.5	23 31 50.23	171 9 19.4	58 28.1	+0.03	0.002 4374	1145	5 34	18 16
16	139.5	23 35 46.79	172 7 47.5	58 30.2	+0.14	0.002 3229	1149	5 35	18 14
17	140.5	23 39 43.34	173 6 17.7	58 32.4	+0.27	0.002 2080	1154	5 37	18 12
18	141.5	23 43 39.89	174 4 50.1	58 34.7	+0.42	0.002 0926	1160	5 38	18 10
19	142.5	23 47 36.44	175 3 24.8	58 36.9	+0.56	0.001 9766	1168	5 40	18 7
20	143.5	23 51 33.00	176 2 1.7	58 39.1	+0.69	0.001 8598	1176	5 41	18 5
21	144.5	23 55 29.55	177 0 40.8	58 41.3	+0.81	0.001 7422	1186	5 43	18 3
22	145.5	23 59 26.10	177 59 22.1	58 43.4	+0.91	0.001 6236	1196	5 44	18 1
23	146.5	0 3 22.66	178 58 5.5	58 45.6	+0.99	0.001 5040	1205	5 46	17 58
24	147.5	0 7 19.21	179 56 51.1	58 47.6	+1.04	0.001 3835	1215	5 47	17 56
25	148.5	0 11 15.76	180 55 38.7	58 49.8	+1.07	0.001 2620	1224	5 49	17 54
26	149.5	0 15 12.32	181 54 28.5	58 51.7	+1.07	0.001 1396	1234	5 50	17 52
27	150.5	0 19 8.87	182 53 20.2	58 53.6	+1.04	0.001 0162	1244	5 52	17 50
28	151.5	0 23 5.42	183 52 13.8	58 55.5	+0.99	0.000 8918	1251	5 54	17 47
29	152.5	0 27 1.97	184 51 9.3	58 57.4	+0.91	0.000 7667	1258	5 55	17 45
30	153.5	0 30 58.53	185 50 6.7	58 59.2	+0.83	0.000 6409	1264	5 57	17 43
Okt. 1	154.5	0 34 55.08	186 49 5.9	59 1.1	+0.73	0.000 5145	1270	5 58	17 41
2	155.5	0 38 51.63	187 48 7.0	59 2.8	+0.61	0.000 3875	1274	6 0	17 39
3	156.5	0 42 48.18	188 47 9.8	59 4.7	+0.49	0.000 2601	1277	6 1	17 36
4	157.5	0 46 44.74	189 46 14.5	59 6.3	+0.38	0.000 1324	1279	6 3	17 34
5	158.5	0 50 41.29	190 45 20.8	59 8.1	+0.27	0.000 0045	1278	6 4	17 32
6	159.5	0 54 37.84	191 44 28.9	59 9.9	+0.19	9.999 8767	1276	6 6	17 30
7	160.5	0 58 34.40	192 43 38.8	59 11.7	+0.11	9.999 7491	1271	6 7	17 28
8	161.5	1 2 30.95	193 42 50.5	59 13.6	+0.07	9.999 6220	1266	6 9	17 26
9	162.5	1 6 27.50	194 42 4.1	59 15.4	+0.07	9.999 4954	1260	6 11	17 24
10	163.5	1 10 24.06	195 41 19.5	59 17.4	+0.09	9.999 3694	1252	6 12	17 22
11	164.5	1 14 20.61	196 40 36.9	59 19.4	+0.15	9.999 2442	1243	6 14	17 19
12	165.5	1 18 17.16	197 39 56.3	59 21.6	+0.24	9.999 1199	1234	6 15	17 17
13	166.5	1 22 13.72	198 39 17.9	59 23.7	+0.34	9.998 9965	1226	6 17	17 15
14	167.5	1 26 10.27	199 38 41.6		+0.47	9.998 8739		6 18	17 13

Tag	Wochentag	0h Welt-Zeit: Zeitgleichung Mittlere Zeit *minus* Wahre Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1927		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Okt. 14	Fr	−13 38.31	14.27	13 12 31.96	3 42.29	− 7 41 17.5	22 24.8	65.02	16 4.00
15	Sa	13 52.58	13.71	13 16 14.25	3 42.84	8 3 42.3	22 18.3	65.09	16 4.27
16	St	14 6.29	13.13	13 19 57.09	3 43.41	8 26 0.6	22 11.3	65.17	16 4.54
17	Mo	14 19.42	12.55	13 23 40.50	3 44.01	8 48 11.9	22 3.8	65.26	16 4.80
18	Di	14 31.97	11.94	13 27 24.51	3 44.61	9 10 15.7	21 56.0	65.34	16 5.07
19	Mi	14 43.91	11.32	13 31 9.12	3 45.24	9 32 11.7	21 47.9	65.43	16 5.34
20	Do	−14 55.23	10.68	13 34 54.36	3 45.88	− 9 53 59.6	21 39.4	65.52	16 5.60
21	Fr	15 5.91	10.02	13 38 40.24	3 46.53	10 15 39.0	21 30.5	65.61	16 5.87
22	Sa	15 15.93	9.36	13 42 26.77	3 47.19	10 37 9.5	21 21.0	65.71	16 6.13
23	St	15 25.29	8.68	13 46 13.96	3 47.87	10 58 30.5	21 11.3	65.80	16 6.40
24	Mo	15 33.97	7.99	13 50 1.83	3 48.57	11 19 41.8	21 1.1	65.90	16 6.66
25	Di	15 41.96	7.28	13 53 50.40	3 49.28	11 40 42.9	20 50.4	66.00	16 6.93
26	Mi	−15 49.24	6.57	13 57 39.68	3 49.98	−12 1 33.3	20 39.4	66.10	16 7.19
27	Do	15 55.81	5.84	14 1 29.66	3 50.71	12 22 12.7	20 27.9	66.21	16 7.46
28	Fr	16 1.65	5.11	14 5 20.37	3 51.44	12 42 40.6	20 16.1	66.31	16 7.72
29	Sa	16 6.76	4.37	14 9 11.81	3 52.18	13 2 56.7	20 3.8	66.42	16 7.98
30	St	16 11.13	3.62	14 13 3.99	3 52.94	13 23 0.5	19 51.1	66.53	16 8.24
31	Mo	16 14.75	2.85	14 16 56.93	3 53.71	13 42 51.6	19 38.0	66.64	16 8.50
Nov. 1	Di	−16 17.60	2.08	14 20 50.64	3 54.47	−14 2 29.6	19 24.4	66.76	16 8.76
2	Mi	16 19.68	1.31	14 24 45.11	3 55.25	14 21 54.0	19 10.4	66.87	16 9.02
3	Do	16 20.99	0.52	14 28 40.36	3 56.04	14 41 4.4	18 56.0	66.98	16 9.28
4	Fr	16 21.51	$\overline{0.28}$	14 32 36.40	3 56.83	15 0 0.4	18 41.2	67.10	16 9.53
5	Sa	16 21.23	1.08	14 36 33.23	3 57.64	15 18 41.6	18 26.1	67.22	16 9.78
6	St	16 20.15	1.89	14 40 30.87	3 58.44	15 37 7.7	18 10.4	67.33	16 10.03
7	Mo	−16 18.26	2.71	14 44 29.31	3 59.27	−15 55 18.1	17 54.5	67.45	16 10.28
8	Di	16 15.55	3.55	14 48 28.58	4 0.10	16 13 12.6	17 38.2	67.57	16 10.52
9	Mi	16 12.00	4.39	14 52 28.68	4 0.94	16 30 50.8	17 21.5	67.69	16 10.76
10	Do	16 7.61	5.23	14 56 29.62	4 1.79	16 48 12.3	17 4.3	67.81	16 10.99
11	Fr	16 2.38	6.09	15 0 31.41	4 2.65	17 5 16.6	16 46.8	67.93	16 11.22
12	Sa	15 56.29	6.96	15 4 34.06	4 3.51	17 22 3.4	16 29.1	68.05	16 11.44
13	St	−15 49.33	7.82	15 8 37.57	4 4.38	−17 38 32.5	16 10.8	68.17	16 11.66
14	Mo	15 41.51	8.68	15 12 41.95	4 5.24	17 54 43.3	15 52.2	68.29	16 11.88
15	Di	15 32.83	9.55	15 16 47.19	4 6.10	18 10 35.5	15 33.2	68.41	16 12.09
16	Mi	15 23.28	10.41	15 20 53.29	4 6.97	18 26 8.7	15 13.9	68.53	16 12.30
17	Do	15 12.87	11.27	15 25 0.26	4 7.83	18 41 22.6	14 54.0	68.64	16 12.51
18	Fr	15 1.60	12.13	15 29 8.09	4 8.69	18 56 16.6	14 33.9	68.76	16 12.71
19	Sa	−14 49.47	12.98	15 33 16.78	4 9.53	−19 10 50.5	14 13.3	68.87	16 12.91
20	St	14 36.49	13.81	15 37 26.31	4 10.36	19 25 3.8	13 52.4	68.99	16 13.11
21	Mo	14 22.68	14.63	15 41 36.67	4 11.19	19 38 56.2	13 31.0	69.10	16 13.30
22	Di	14 8.05	15.45	15 45 47.86	4 12.00	19 52 27.2	13 9.3	69.21	16 13.49
23	Mi	13 52.60	16.24	15 49 59.86	4 12.81	20 5 36.5	12 47.3	69.32	16 13.68
24	Do	−13 36.36		15 54 12.67		−20 18 23.8		69.43	16 13.87

Tag	Julian. Zeit	Sternzeit	0h Welt-Zeit: Mittleres Äquinoktium 1927.0 Länge		Breite	log R		Aufgang in +50° Breite 0h Länge	Untergang in +50° Breite 0h Länge
1927	2425	h m s	° ′ ″	′ ″	″			h m	h m
Okt. 14	167.5	1 26 10.27	199 38 41.6	59 26.1	+0.47	9.998 8739	1219	6 18	17 13
15	168.5	1 30 6.82	200 38 7.7	59 28.4	+0.61	9.998 7520	1212	6 20	17 11
16	169.5	1 34 3.38	201 37 36.1	59 30.7	+0.76	9.998 6308	1207	6 22	17 9
17	170.5	1 37 59.93	202 37 6.8	59 33.0	+0.90	9.998 5101	1201	6 23	17 7
18	171.5	1 41 56.48	203 36 39.8	59 35.3	+1.02	9.998 3900	1198	6 25	17 5
19	172.5	1 45 53.04	204 36 15.1	59 37.6	+1.13	9.998 2702	1196	6 26	17 3
20	173.5	1 49 49.59	205 35 52.7	59 39.9	+1.21	9.998 1506	1193	6 28	17 1
21	174.5	1 53 46.14	206 35 32.6	59 42.1	+1.26	9.998 0313	1192	6 30	16 59
22	175.5	1 57 42.70	207 35 14.7	59 44.1	+1.30	9.997 9121	1190	6 31	16 57
23	176.5	2 1 39.25	208 34 58.8	59 46.4	+1.29	9.997 7931	1189	6 33	16 55
24	177.5	2 5 35.81	209 34 45.2	59 48.4	+1.27	9.997 6742	1188	6 35	16 53
25	178.5	2 9 32.36	210 34 33.6	59 50.4	+1.22	9.997 5554	1186	6 36	16 51
26	179.5	2 13 28.92	211 34 24.0	59 52.4	+1.14	9.997 4368	1184	6 38	16 50
27	180.5	2 17 25.47	212 34 16.4	59 54.1	+1.05	9.997 3184	1182	6 40	16 48
28	181.5	2 21 22.02	213 34 10.5	59 56.0	+0.94	9.997 2002	1179	6 41	16 46
29	182.5	2 25 18.58	214 34 6.5	59 57.9	+0.83	9.997 0823	1176	6 43	16 44
30	183.5	2 29 15.13	215 34 4.4	59 59.6	+0.71	9.996 9647	1171	6 44	16 42
31	184.5	2 33 11.69	216 34 4.0	60 1.1	+0.58	9.996 8476	1165	6 46	16 40
Nov. 1	185.5	2 37 8.24	217 34 5.1	60 2.8	+0.47	9.996 7311	1157	6 48	16 39
2	186.5	2 41 4.80	218 34 7.9	60 4.3	+0.36	9.996 6154	1148	6 50	16 37
3	187.5	2 45 1.35	219 34 12.2	60 5.8	+0.30	9.996 5006	1138	6 51	16 35
4	188.5	2 48 57.91	220 34 18.0	60 7.5	+0.26	9.996 3868	1126	6 53	16 34
5	189.5	2 52 54.46	221 34 25.5	60 9.0	+0.23	9.996 2742	1112	6 54	16 32
6	190.5	2 56 51.02	222 34 34.5	60 10.5	+0.25	9.996 1630	1096	6 56	16 30
7	191.5	3 0 47.57	223 34 45.0	60 12.1	+0.29	9.996 0534	1079	6 58	16 29
8	192.5	3 4 44.13	224 34 57.1	60 13.8	+0.37	9.995 9455	1061	7 0	16 27
9	193.5	3 8 40.69	225 35 10.9	60 15.6	+0.46	9.995 8394	1041	7 1	16 26
10	194.5	3 12 37.24	226 35 26.5	60 17.4	+0.59	9.995 7353	1022	7 3	16 24
11	195.5	3 16 33.80	227 35 43.9	60 19.1	+0.72	9.995 6331	1003	7 4	16 23
12	196.5	3 20 30.35	228 36 3.0	60 21.0	+0.87	9.995 5328	986	7 6	16 21
13	197.5	3 24 26.91	229 36 24.0	60 22.9	+1.01	9.995 4342	967	7 8	16 20
14	198.5	3 28 23.47	230 36 46.9	60 24.9	+1.14	9.995 3375	950	7 9	16 19
15	199.5	3 32 20.02	231 37 11.8	60 26.7	+1.24	9.995 2425	936	7 11	16 17
16	200.5	3 36 16.58	232 37 38.5	60 28.6	+1.34	9.995 1489	920	7 13	16 16
17	201.5	3 40 13.13	233 38 7.1	60 30.5	+1.40	9.995 0569	907	7 14	16 15
18	202.5	3 44 9.69	234 38 37.6	60 32.3	+1.44	9.994 9662	895	7 16	16 14
19	203.5	3 48 6.25	235 39 9.9	60 34.0	+1.44	9.994 8767	881	7 18	16 12
20	204.5	3 52 2.80	236 39 43.9	60 35.6	+1.42	9.994 7886	869	7 19	16 11
21	205.5	3 55 59.36	237 40 19.5	60 37.3	+1.36	9.994 7017	859	7 21	16 10
22	206.5	3 59 55.92	238 40 56.8	60 39.0	+1.29	9.994 6158	847	7 22	16 9
23	207.5	4 3 52.47	239 41 35.8	60 40.5	+1.19	9.994 5311	835	7 24	16 8
24	208.5	4 7 49.03	240 42 16.3		+1.08	9.994 4476		7 25	16 7

Tag	Wochentag	0ʰ Welt-Zeit: Zeitgleichung, Mittlere Zeit *minus* Wahre Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1927		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Nov. 24	Do	—13 36.36	17.03	15 54 12.67	4 13.59	—20 18 23.8	12 24.8	69.43	16 13.87
25	Fr	13 19.33	17.81	15 58 26.26	4 14.36	20 30 48.6	12 1.9	69.54	16 14.06
26	Sa	13 1.52	18.55	16 2 40.62	4 15.11	20 42 50.5	11 38.8	69.64	16 14.24
27	St	12 42.97	19.28	16 6 55.73	4 15.84	20 54 29.3	11 15.3	69.74	16 14.42
28	Mo	12 23.69	20.00	16 11 11.57	4 16.55	21 5 44.6	10 51.4	69.84	16 14.60
29	Di	12 3.69	20.69	16 15 28.12	4 17.25	21 16 36.0	10 27.3	69.94	16 14.77
30	Mi	—11 43.00	21.36	16 19 45.37	4 17.92	—21 27 3.3	10 2.7	70.04	16 14.94
Dez. 1	Do	11 21.64	22.01	16 24 3.29	4 18.57	21 37 6.0	9 37.9	70.13	16 15.11
2	Fr	10 59.63	22.64	16 28 21.86	4 19.19	21 46 43.9	9 12.9	70.23	16 15.27
3	Sa	10 36.99	23.25	16 32 41.05	4 19.81	21 55 56.8	8 47.5	70.31	16 15.43
4	St	10 13.74	23.83	16 37 0.86	4 20.39	22 4 44.3	8 21.8	70.39	16 15.59
5	Mo	9 49.91	24.39	16 41 21.25	4 20.95	22 13 6.1	7 56.0	70.47	16 15.74
6	Di	— 9 25.52	24.93	16 45 42.20	4 21.49	—22 21 2.1	7 29.9	70.55	16 15.88
7	Mi	9 0.59	25.45	16 50 3.69	4 22.01	22 28 32.0	7 3.6	70.63	16 16.02
8	Do	8 35.14	25.95	16 54 25.70	4 22.50	22 35 35.6	6 37.1	70.70	16 16.15
9	Fr	8 9.19	26.43	16 58 48.20	4 22.99	22 42 12.7	6 10.3	70.77	16 16.28
10	Sa	7 42.76	26.89	17 3 11.19	4 23.45	22 48 23.0	5 43.5	70.83	16 16.40
11	St	7 15.87	27.31	17 7 34.64	4 23.87	22 54 6.5	5 16.4	70.89	16 16.52
12	Mo	— 6 48.56	27.72	17 11 58.51	4 24.28	—22 59 22.9	4 49.1	70.94	16 16.63
13	Di	6 20.84	28.09	17 16 22.79	4 24.65	23 4 12.0	4 21.7	70.99	16 16.73
14	Mi	5 52.75	28.44	17 20 47.44	4 25.00	23 8 33.7	3 54.3	71.04	16 16.83
15	Do	5 24.31	28.75	17 25 12.44	4 25.31	23 12 28.0	3 26.5	71.08	16 16.92
16	Fr	4 55.56	29.04	17 29 37.75	4 25.60	23 15 54.5	2 58.6	71.12	16 17.01
17	Sa	4 26.52	29.29	17 34 3.35	4 25.84	23 18 53.1	2 30.8	71.15	16 17.09
18	St	— 3 57.23	29.50	17 38 29.19	4 26.06	—23 21 23.9	2 2.8	71.18	16 17.17
19	Mo	3 27.73	29.68	17 42 55.25	4 26.24	23 23 26.7	1 34.6	71.20	16 17.25
20	Di	2 58.05	29.83	17 47 21.49	4 26.39	23 25 1.3	1 6.5	71.22	16 17.32
21	Mi	2 28.22	29.93	17 51 47.88	4 26.49	23 26 7.8	0 38.2	71.24	16 17.38
22	Do	1 58.29	30.00	17 56 14.37	4 26.56	23 26 46.0	0 9.9	71.25	16 17.44
23	Fr	1 28.29	30.04	18 0 40.93	4 26.59	23 26 55.9	0 18.3	71.26	16 17.50
24	Sa	— 0 58.25	30.02	18 5 7.52	4 26.58	—23 26 37.6	0 46.7	71.26	16 17.56
25	St	— 0 28.23	29.98	18 9 34.10	4 26.54	23 25 50.9	1 14.9	71.25	16 17.61
26	Mo	+ 0 1.75	29.90	18 14 0.64	4 26.45	23 24 36.0	1 43.2	71.24	16 17.65
27	Di	0 31.65	29.77	18 18 27.09	4 26.33	23 22 52.8	2 11.5	71.23	16 17.70
28	Mi	1 1.42	29.61	18 22 53.42	4 26.17	23 20 41.3	2 39.6	71.21	16 17.74
29	Do	1 31.03	29.42	18 27 19.59	4 25.98	23 18 1.7	3 7.6	71.19	16 17.77
30	Fr	+ 2 0.45	29.18	18 31 45.57	4 25.74	—23 14 54.1	3 35.8	71.16	16 17.80
31	Sa	2 29.63	28.92	18 36 11.31	4 25.48	23 11 18.3	4 3.6	71.13	16 17.83
32	St	+ 2 58.55		18 40 36.79		—23 7 14.7		71.10	16 17.85

Tag	0h Welt-Zeit: Julian. Zeit	Sternzeit	Mittleres Äquinoktium 1927.0: Länge		Breite	log R		Aufgang in {+50° Breite, 0h Länge}	Untergang
1927	2425	h m s	° ′ ″	′ ″	″			h m	h m
Nov. 24	208.5	4 7 49.03	240 42 16.3	60 41.8	+1.08	9.994 4476	825	7 25	16 7
25	209.5	4 11 45.59	241 42 58.1	60 43.2	+0.95	9.994 3651	813	7 27	16 6
26	210.5	4 15 42.15	242 43 41.3	60 44.4	+0.82	9.994 2838	801	7 28	16 6
27	211.5	4 19 38.70	243 44 25.7	60 45.6	+0.70	9.994 2037	789	7 30	16 5
28	212.5	4 23 35.26	244 45 11.3	60 46.7	+0.58	9.994 1248	775	7 31	16 4
29	213.5	4 27 31.82	245 45 58.0	60 47.7	+0.47	9.994 0473	761	7 33	16 3
30	214.5	4 31 28.38	246 46 45.7	60 48.6	+0.37	9.993 9712	746	7 34	16 2
Dez. 1	215.5	4 35 24.93	247 47 34.3	60 49.6	+0.30	9.993 8966	728	7 35	16 2
2	216.5	4 39 21.49	248 48 23.9	60 50.5	+0.26	9.993 8238	710	7 37	16 1
3	217.5	4 43 18.05	249 49 14.4	60 51.2	+0.25	9.993 7528	689	7 38	16 1
4	218.5	4 47 14.61	250 50 5.6	60 52.1	+0.28	9.993 6839	668	7 39	16 0
5	219.5	4 51 11.16	251 50 57.7	60 52.8	+0.34	9.993 6171	644	7 41	16 0
6	220.5	4 55 7.72	252 51 50.5	60 53.6	+0.44	9.993 5527	620	7 42	15 59
7	221.5	4 59 4.28	253 52 44.1	60 54.6	+0.55	9.993 4907	593	7 43	15 59
8	222.5	5 3 0.84	254 53 38.7	60 55.5	+0.68	9.993 4314	566	7 44	15 59
9	223.5	5 6 57.40	255 54 34.2	60 56.4	+0.82	9.993 3748	539	7 45	15 58
10	224.5	5 10 53.95	256 55 30.6	60 57.4	+0.96	9.993 3209	513	7 46	15 58
11	225.5	5 14 50.51	257 56 28.0	60 58.4	+1.09	9.993 2696	486	7 47	15 58
12	226.5	5 18 47.07	258 57 26.4	60 59.4	+1.19	9.993 2210	461	7 48	15 58
13	227.5	5 22 43.63	259 58 25.8	61 0.6	+1.28	9.993 1749	437	7 49	15 58
14	228.5	5 26 40.19	260 59 26.4	61 1.5	+1.35	9.993 1312	414	7 50	15 58
15	229.5	5 30 36.75	262 0 27.9	61 2.5	+1.38	9.993 0898	392	7 51	15 58
16	230.5	5 34 33.30	263 1 30.4	61 3.4	+1.39	9.993 0506	370	7 52	15 58
17	231.5	5 38 29.86	264 2 33.8	61 4.4	+1.36	9.993 0136	350	7 53	15 59
18	232.5	5 42 26.42	265 3 38.2	61 5.3	+1.31	9.992 9786	331	7 54	15 59
19	233.5	5 46 22.98	266 4 43.5	61 6.0	+1.23	9.992 9455	311	7 54	15 59
20	234.5	5 50 19.54	267 5 49.5	61 6.8	+1.14	9.992 9144	293	7 55	16 0
21	235.5	5 54 16.10	268 6 56.3	61 7.5	+1.02	9.992 8851	276	7 56	16 0
22	236.5	5 58 12.65	269 8 3.8	61 8.1	+0.89	9.992 8575	259	7 56	16 0
23	237.5	6 2 9.21	270 9 11.9	61 8.5	+0.75	9.992 8316	242	7 57	16 1
24	238.5	6 6 5.77	271 10 20.4	61 8.9	+0.61	9.992 8074	226	7 57	16 2
25	239.5	6 10 2.33	272 11 29.3	61 9.3	+0.48	9.992 7848	210	7 57	16 2
26	240.5	6 13 58.89	273 12 38.6	61 9.4	+0.36	9.992 7638	193	7 58	16 3
27	241.5	6 17 55.45	274 13 48.0	61 9.6	+0.26	9.992 7445	175	7 58	16 4
28	242.5	6 21 52.01	275 14 57.6	61 9.6	+0.19	9.992 7270	157	7 58	16 4
29	243.5	6 25 48.56	276 16 7.2	61 9.6	+0.14	9.992 7113	138	7 59	16 5
30	244.5	6 29 45.12	277 17 16.8	61 9.4	+0.13	9.992 6975	118	7 59	16 6
31	245.5	6 33 41.68	278 18 26.2	61 9.4	+0.13	9.992 6857	96	7 59	16 7
32	246.5	6 37 38.24	279 19 35.6		+0.18	9.992 6761		7 59	16 8

Welt-Zeit		Mittleres Äquinoktium 1927.0								
		X		Red. auf 1925.0	Y		Red. auf 1925.0	Z		Red. auf 1925.0
1927	h									
Jan. 0	0	+0.146 4121	8 6443	−4739	−0.892 0568	1 2354	− 653	−0.386 9288	5356	−284
0	12	0.155 0564	8 6324		0.890 8214	1 3051		0.386 3932	5658	
1	0	0.163 6888	8 6199	4725	0.889 5163	1 3746	730	0.385 8274	5958	318
1	12	0.172 3087	8 6066		0.888 1417	1 4441		0.385 2316	6260	
2	0	0.180 9153	8 5926	4710	0.886 6976	1 5134	807	0.384 6056	6561	352
2	12	0.189 5079	8 5780		0.885 1842	1 5827		0.383 9495	6862	
3	0	+0.198 0859	8 5624	−4694	−0.883 6015	1 6519	− 884	−0.383 2633	7162	−385
3	12	0.206 6483	8 5464		0.881 9496	1 7209		0.382 5471	7461	
4	0	0.215 1947	8 5295	4676	0.880 2287	1 7898	961	0.381 8010	7760	418
4	12	0.223 7242	8 5120		0.878 4389	1 8585		0.381 0250	8058	
5	0	0.232 2362	8 4936	4657	0.876 5804	1 9271	1037	0.380 2192	8355	451
5	12	0.240 7298	8 4747		0.874 6533	1 9954		0.379 3837	8653	
6	0	+0.249 2045	8 4550	−4636	−0.872 6579	2 0636	−1113	−0.378 5184	8947	−484
6	12	0.257 6595	8 4347		0.870 5943	2 1317		0.377 6237	9243	
7	0	0.266 0942	8 4135	4614	0.868 4626	2 1994	1188	0.376 6994	9538	517
7	12	0.274 5077	8 3915		0.866 2632	2 2670		0.375 7456	9831	
8	0	0.282 8992	8 3694	4590	0.863 9962	2 3342	1263	0.374 7625	1 0123	550
8	12	0.291 2686	8 3462		0.861 6620	2 4014		0.373 7502	1 0416	
9	0	+0.299 6148	8 3224	−4565	−0.859 2606	2 4682	−1338	−0.372 7086	1 0704	−582
9	12	0.307 9372	8 2981		0.856 7924	2 5348		0.371 6382	1 0995	
10	0	0.316 2353	8 2730	4539	0.854 2576	2 6012	1412	0.370 5387	1 1283	614
10	12	0.324 5083	8 2473		0.851 6564	2 6673		0.369 4104	1 1571	
11	0	0.332 7556	8 2211	4511	0.848 9891	2 7332	1486	0.368 2533	1 1856	646
11	12	0.340 9767	8 1942		0.846 2559	2 7988		0.367 0677	1 2142	
12	0	+0.349 1709	8 1668	−4482	−0.843 4571	2 8641	−1559	−0.365 8535	1 2424	−678
12	12	0.357 3377	8 1386		0.840 5930	2 9292		0.364 6111	1 2707	
13	0	0.365 4763	8 1098	4451	0.837 6638	2 9939	1632	0.363 3404	1 2989	710
13	12	0.373 5861	8 0807		0.834 6699	3 0586		0.362 0415	1 3270	
14	0	0.381 6668	8 0508	4419	0.831 6113	3 1229	1705	0.360 7145	1 3549	742
14	12	0.389 7176	8 0204		0.828 4884	3 1869		0.359 3596	1 3826	
15	0	+0.397 7380	7 9894	−4385	−0.825 3015	3 2507	−1777	−0.357 9770	1 4103	−773
15	12	0.405 7274	7 9578		0.822 0508	3 3143		0.356 5667	1 4380	
16	0	0.413 6852	7 9257	4350	0.818 7365	3 3775	1848	0.355 1287	1 4653	804
16	12	0.421 6109	7 8930		0.815 3590	3 4405		0.353 6634	1 4926	
17	0	0.429 5039	7 8597	4314	0.811 9185	3 5033	1919	0.352 1708	1 5199	835
17	12	0.437 3636	7 8258		0.808 4152	3 5657		0.350 6509	1 5470	
18	0	+0.445 1894	7 7914	−4276	−0.804 8495	3 6279	−1989	−0.349 1039	1 5739	−865
18	12	0.452 9808	7 7565		0.801 2216	3 6899		0.347 5300	1 6008	
19	0	0.460 7373	7 7209	4237	0.797 5317	3 7515	2058	0.345 9292	1 6275	895
19	12	0.468 4582	7 6848		0.793 7802	3 8130		0.344 3017	1 6541	
20	0	0.476 1430	7 6482	−4197	0.789 9672	3 8741	−2127	0.342 6476	1 6807	−925
20	12	+0.483 7912			−0.786 0931			−0.340 9669		

Welt-Zeit		Mittleres Äquinoktium 1927.0								
		X		Red. auf 1925.0	Y		Red. auf 1925.0	Z		Red. auf 1925.0
1927	h									
Jan. 20	12	+0.483 7912	7 6110		−0.786 0931	3 9350		−0.340 9669	1 7070	
21	0	0.491 4022	7 5731	−4156	0.782 1581	3 9956	−2195	0.339 2599	1 7333	−955
21	12	0.498 9753	7 5347		0.778 1625	4 0560		0.337 5266	1 7594	
22	0	0.506 5100	7 4958	4113	0.774 1065	4 1159	2263	0.335 7672	1 7853	984
22	12	0.514 0058	7 4563		0.769 9906	4 1756		0.333 9819	1 8112	
23	0	0.521 4621	7 4161	4069	0.765 8150	4 2350	2330	0.332 1707	1 8370	1013
23	12	+0.528 8782	7 3755		−0.761 5800	4 2942		−0.330 3337	1 8626	
24	0	0.536 2537	7 3342	−4024	0.757 2858	4 3529	−2396	0.328 4711	1 8880	−1042
24	12	0.543 5879	7 2925		0.752 9329	4 4115		0.326 5831	1 9133	
25	0	0.550 8804	7 2501	3977	0.748 5214	4 4696	2461	0.324 6698	1 9387	1070
25	12	0.558 1305	7 2072		0.744 0518	4 5275		0.322 7311	1 9637	
26	0	0.565 3377	7 1637	3929	0.739 5243	4 5851	2526	0.320 7674	1 9885	1098
26	12	+0.572 5014	7 1196		−0.734 9392	4 6423		−0.318 7789	2 0134	
27	0	0.579 6210	7 0750	−3880	0.730 2969	4 6990	−2590	0.316 7655	2 0380	−1126
27	12	0.586 6960	7 0297		0.725 5979	4 7556		0.314 7275	2 0625	
28	0	0.593 7257	6 9840	3830	0.720 8423	4 8117	2653	0.312 6650	2 0867	1153
28	12	0.600 7097	6 9377		0.716 0306	4 8675		0.310 5783	2 1110	
29	0	0.607 6474	6 8907	3779	0.711 1631	4 9229	2715	0.308 4673	2 1350	1180
29	12	+0.614 5381	6 8432		−0.706 2402	4 9780		−0.306 3323	2 1589	
30	0	0.621 3813	6 7952	−3726	0.701 2622	5 0326	−2776	0.304 1734	2 1825	−1207
30	12	0.628 1765	6 7466		0.696 2296	5 0870		0.301 9909	2 2061	
31	0	0.634 9231	6 6976	3672	0.691 1426	5 1407	2836	0.299 7848	2 2294	1233
31	12	0.641 6207	6 6476		0.686 0019	5 1942		0.297 5554	2 2527	
Febr. 1	0	0.648 2683	6 5974	3617	0.680 8077	5 2472	2896	0.295 3027	2 2756	1259
1	12	+0.654 8657	6 5465		−0.675 5605	5 2998		−0.293 0271	2 2984	
2	0	0.661 4122	6 4951	−3561	0.670 2607	5 3519	−2955	0.290 7287	2 3211	−1285
2	12	0.667 9073	6 4431		0.664 9088	5 4036		0.288 4076	2 3436	
3	0	0.674 3504	6 3908	3504	0.659 5052	5 4548	3013	0.286 0640	2 3658	1310
3	12	0.680 7412	6 3377		0.654 0504	5 5055		0.283 6982	2 3878	
4	0	0.687 0789	6 2844	3446	0.648 5449	5 5558	3070	0.281 3104	2 4096	1335
4	12	+0.693 3633	6 2302		−0.642 9891	5 6055		−0.278 9008	2 4313	
5	0	0.699 5935	6 1758	−3387	0.637 3836	5 6546	−3126	0.276 4695	2 4527	−1359
5	12	0.705 7693	6 1209		0.631 7290	5 7035		0.274 0168	2 4738	
6	0	0.711 8902	6 0656	3326	0.626 0255	5 7517	3181	0.271 5430	2 4948	1383
6	12	0.717 9558	6 0097		0.620 2738	5 7995		0.269 0482	2 5155	
7	0	0.723 9655	5 9536	3265	0.614 4743	5 8466	3235	0.266 5327	2 5361	1406
7	12	+0.729 9191	5 8968		−0.608 6277	5 8934		−0.263 9966	2 5564	
8	0	0.735 8159	5 8398	−3203	0.602 7343	5 9395	−3288	0.261 4402	2 5764	−1429
8	12	0.741 6557	5 7824		0.596 7948	6 9853		0.258 8638	2 5963	
9	0	0.747 4381	5 7245	3139	0.590 8095	6 0304	3340	0.256 2675	2 6160	1452
9	12	0.753 1626	5 6662		0.584 7791	6 0752		0.253 6515	2 6354	
10	0	+0.758 8288		−3075	−0.578 7039		−3391	−0.251 0161		−1474

Welt-Zeit		Mittleres Äquinoktium 1927.0								
		X		Red. auf 1925.0	Y		Red. auf 1925.0	Z		Red. auf 1925.0
1927	h									
Febr. 10	0	+0.758 8288	5 6076	−3075	−0.578 7039	6 1193	−3391	−0.251 0161	2 6546	−1474
10	12	0.764 4364	5 5485		0.572 5846	6 1631		0.248 3615	2 6736	
11	0	0.769 9849	5 4893	3010	0.566 4215	6 2063	3440	0.245 6879	2 6922	1496
11	12	0.775 4742	5 4295		0.560 2152	6 2490		0.242 9957	2 7109	
12	0	0.780 9037	5 3695	2944	0.553 9662	6 2912	3489	0.240 2848	2 7291	1517
12	12	0.786 2732	5 3091		0.547 6750	6 3330		0.237 5557	2 7474	
13	0	+0.791 5823	5 2483	−2877	−0.541 3420	6 3742	−3537	−0.234 8083	2 7651	−1538
13	12	0.796 8306	5 1871		0.534 9678	6 4151		0.232 0432	2 7829	
14	0	0.802 0177	5 1258	2809	0.528 5527	6 4552	3584	0.229 2603	2 8002	1558
14	12	0.807 1435	5 0639		0.522 0975	6 4951		0.226 4601	2 8176	
15	0	0.812 2074	5 0018	2740	0.515 6024	6 5345	3630	0.223 6425	2 8346	1578
15	12	0.817 2092	4 9393		0.509 0679	6 5732		0.220 8079	2 8515	
16	0	+0.822 1485	4 8766	−2670	−0.502 4947	6 6115	−3674	−0.217 9564	2 8679	−1597
16	12	0.827 0251	4 8134		0.495 8832	6 6494		0.215 0885	2 8845	
17	0	0.831 8385	4 7501	2600	0.489 2338	6 6868	3717	0.212 2040	2 9005	1616
17	12	0.836 5886	4 6862		0.482 5470	6 7237		0.209 3035	2 9165	
18	0	0.841 2748	4 6220	2529	0.475 8233	6 7600	3759	0.206 3870	2 9322	1635
18	12	0.845 8968	4 5576		0.469 0633	6 7960		0.203 4548	2 9479	
19	0	+0.850 4544	4 4928	−2457	−0.462 2673	6 8312	−3800	−0.200 5069	2 9631	−1653
19	12	0.854 9472	4 4278		0.455 4361	6 8663		0.197 5438	2 9782	
20	0	0.859 3750	4 3624	2384	0.448 5698	6 9005	3840	0.194 5656	2 9931	1671
20	12	0.863 7374	4 2966		0.441 6693	6 9344		0.191 5725	3 0078	
21	0	0.868 0340	4 2306	2311	0.434 7349	6 9677	3879	0.188 5647	3 0222	1688
21	12	0.872 2646	4 1642		0.427 7672	7 0007		0.185 5425	3 0364	
22	0	+0.876 4288	4 0977	−2237	−0.420 7665	7 0330	−3917	−0.182 5061	3 0504	−1704
22	12	0.880 5265	4 0305		0.413 7335	7 0649		0.179 4557	3 0642	
23	0	0.884 5570	3 9634	2162	0.406 6686	7 0961	3953	0.176 3915	3 0777	1720
23	12	0.888 5204	3 8957		0.399 5725	7 1269		0.173 3138	3 0911	
24	0	0.892 4161	3 8280	2086	0.392 4456	7 1572	3988	0.170 2227	3 1041	1735
24	12	0.896 2441	3 7596		0.385 2884	7 1869		0.167 1186	3 1170	
25	0	+0.900 0037	3 6913	−2010	−0.378 1015	7 2160	−4022	−0.164 0016	3 1296	−1750
25	12	0.903 6950	3 6224		0.370 8855	7 2447		0.160 8720	3 1421	
26	0	0.907 3174	3 5534	1933	0.363 6408	7 2727	4055	0.157 7299	3 1542	1764
26	12	0.910 8708	3 4840		0.356 3681	7 3003		0.154 5757	3 1662	
27	0	0.914 3548	3 4144	1856	0.349 0678	7 3273	4086	0.151 4095	3 1778	1778
27	12	0.917 7692	3 3444		0.341 7405	7 3537		0.148 2317	3 1893	
28	0	+0.921 1136	3 2741	−1778	−0.334 3868	7 3796	−4116	−0.145 0424	3 2006	−1791
28	12	0.924 3877	3 2035		0.327 0072	7 4048		0.141 8418	3 2115	
März 1	0	0.927 5912	3 1329	1699	0.319 6024	7 4294	4145	0.138 6303	3 2223	1803
1	12	0.930 7241	3 0618		0.312 1730	7 4535		0.135 4080	3 2327	
2	0	0.933 7859	2 9906	−1620	0.304 7195	7 4769	−4173	0.132 1753	3 2428	−1815
2	12	+0.936 7765			−0.297 2426			−0.128 9325		

Welt-Zeit		Mittleres Äquinoktium 1927.0								
		X		Red. auf 1925.0	Y		Red. auf 1925.0	Z		Red. auf 1925.0
1927	h									
März 2	12	+0.936 7765	2 9190		−0.297 2426	7 4998		−0.128 9325	3 2529	
3	0	0.939 6955	2 8472	−1540	0.289 7428	7 5220	−4199	0.125 6796	3 2624	−1826
3	12	0.942 5427	2 7753		0.282 2208	7 5435		0.122 4172	3 2719	
4	0	0.945 3180	2 7032	1460	0.274 6773	7 5644	4224	0.119 1453	3 2810	1837
4	12	0.948 0212	2 6307		0.267 1129	7 5848		0.115 8643	3 2899	
5	0	0.950 6519	2 5582	1380	0.259 5281	7 6044	4248	0.112 5744	3 2983	1847
5	12	+0.953 2101	2 4855		−0.251 9237	7 6234		−0.109 2761	3 3067	
6	0	0.955 6956	2 4127	−1299	0.244 3003	7 6417	−4271	0.105 9694	3 3147	−1857
6	12	0.958 1083	2 3396		0.236 6586	7 6595		0.102 6547	3 3225	
7	0	0.960 4479	2 2666	1218	0.228 9991	7 6766	4292	0.099 3322	3 3298	1866
7	12	0.962 7145	2 1933		0.221 3225	7 6932		0.096 0024	3 3371	
8	0	0.964 9078	2 1201	1136	0.213 6293	7 7089	4312	0.092 6653	3 3440	1875
8	12	+0.967 0279	2 0466		−0.205 9204	7 7243		−0.089 3213	3 3507	
9	0	0.969 0745	1 9732	−1054	0.198 1961	7 7389	−4331	0.085 9706	3 3570	−1883
9	12	0.971 0477	1 8996		0.190 4572	7 7529		0.082 6136	3 3631	
10	0	0.972 9473	1 8260	972	0.182 7043	7 7662	4348	0.079 2505	3 3689	1891
10	12	0.974 7733	1 7523		0.174 9381	7 7791		0.075 8816	3 3745	
11	0	0.976 5256	1 6786	889	0.167 1590	7 7913	4364	0.072 5071	3 3799	1898
11	12	+0.978 2042	1 6049		−0.159 3677	7 8031		−0.069 1272	3 3850	
12	0	0.979 8091	1 5311	− 806	0.151 5646	7 8140	−4379	0.065 7422	3 3896	−1904
12	12	0.981 3402	1 4571		0.143 7506	7 8246		0.062 3526	3 3943	
13	0	0.982 7973	1 3833	723	0.135 9260	7 8345	4392	0.058 9583	3 3985	1910
13	12	0.984 1806	1 3093		0.128 0915	7 8439		0.055 5598	3 4026	
14	0	0.985 4899	1 2354	640	0.120 2476	7 8525	4404	0.052 1572	3 4063	1915
14	12	+0.986 7253	1 1613		−0.112 3951	7 8607		−0.048 7509	3 4100	
15	0	0.987 8866	1 0872	− 557	0.104 5344	7 8684	−4415	0.045 3409	3 4131	−1920
15	12	0.988 9738	1 0132		0.096 6660	7 8756		0.041 9278	3 4162	
16	0	0.989 9870	9392	473	0.088 7904	7 8820	4424	0.038 5116	3 4189	1924
16	12	0.990 9262	8650		0.080 9084	7 8879		0.035 0927	3 4215	
17	0	0.991 7912	7908	389	0.073 0205	7 8933	4432	0.031 6712	3 4239	1928
17	12	+0.992 5820	7167		−0.065 1272	7 8981		−0.028 2473	3 4260	
18	0	0.993 2987	6425	− 305	0.057 2291	7 9024	−4439	0.024 8213	3 4277	−1931
18	12	0.993 9412	5683		0.049 3267	7 9061		0.021 3936	3 4292	
19	0	0.994 5095	4941	221	0.041 4206	7 9092	4444	0.017 9644	3 4306	1933
19	12	0.995 0036	4199		0.033 5114	7 9118		0.014 5338	3 4317	
20	0	0.995 4235	3457	137	0.025 5996	7 9139	4448	0.011 1021	3 4325	1935
20	12	+0.995 7692	2715		−0.017 6857	7 9152		−0.007 6696	3 4332	
21	0	0.996 0407	1974	− 53	0.009 7705	7 9162	−4451	0.004 2364	3 4335	−1936
21	12	0.996 2381	1230		−0.001 8543	7 9165		−0.000 8029	3 4336	
22	0	0.996 3611	489	+ 31	+0.006 0622	7 9162	4452	+0.002 6307	3 4334	1937
22	12	0.996 4100	254		0.013 9784	7 9155		0.006 0641	3 4332	
23	0	+0.996 3846		+ 115	+0.021 8939		−4452	+0.009 4973		−1937

Welt-Zeit		Mittleres Äquinoktium 1927.0 *X*		Red. auf 1925.0	*Y*		Red. auf 1925.0	*Z*		Red. auf 1925.0
1927	h									
März 23	0	+0.996 3846	996	+ 115	+0.021 8939	7 9141	−4452	+0.009 4973	3 4325	−1937
23	12	0.996 2850	1739		0.029 8080	7 9122		0.012 9298	3 4316	
24	0	0.996 1111	2479	199	0.037 7202	7 9097	4451	0.016 3614	3 4305	1936
24	12	0.995 8632	3223		0.045 6299	7 9067		0.019 7919	3 4292	
25	0	0.995 5409	3963	283	0.053 5366	7 9030	4449	0.023 2211	3 4276	1935
25	12	0.995 1446	4705		0.061 4396	7 8989		0.026 6487	3 4258	
26	0	+0.994 6741	5445	+ 367	+0.069 3385	7 8940	−4445	+0.030 0745	3 4237	−1933
26	12	0.994 1296	6187		0.077 2325	7 8886		0.033 4982	3 4214	
27	0	0.993 5109	6927	451	0.085 1211	7 8826	4440	0.036 9196	3 4188	1931
27	12	0.992 8182	7667		0.093 0037	7 8762		0.040 3384	3 4159	
28	0	0.992 0515	8408	535	0.100 8799	7 8690	4433	0.043 7543	3 4128	1928
28	12	0.991 2107	9148		0.108 7489	7 8613		0.047 1671	3 4096	
29	0	+0.990 2959	9886	+ 619	+0.116 6102	7 8528	−4425	+0.050 5767	3 4060	−1925
29	12	0.989 3073	1 0625		0.124 4630	7 8439		0.053 9827	3 4021	
30	0	0.988 2448	1 1362	702	0.132 3069	7 8343	4416	0.057 3848	3 3979	1921
30	12	0.987 1086	1 2099		0.140 1412	7 8241		0.060 7827	3 3935	
31	0	0.985 8987	1 2834	785	0.147 9653	7 8132	4406	0.064 1762	3 3889	1916
31	12	0.984 6153	1 3570		0.155 7785	7 8018		0.067 5651	3 3840	
April 1	0	+0.983 2583	1 4303	+ 868	+0.163 5803	7 7897	−4394	+0.070 9491	3 3786	−1911
1	12	0.981 8280	1 5036		0.171 3700	7 7770		0.074 3277	3 3733	
2	0	0.980 3244	1 5766	951	0.179 1470	7 7635	4381	0.077 7010	3 3676	1905
2	12	0.978 7478	1 6495		0.186 9105	7 7497		0.081 0686	3 3615	
3	0	0.977 0983	1 7222	1033	0.194 6602	7 7350	4367	0.084 4301	3 3553	1899
3	12	0.975 3761	1 7949		0.202 3952	7 7198		0.087 7854	3 3487	
4	0	+0.973 5812	1 8671	+1115	+0.210 1150	7 7040	−4351	+0.091 1341	3 3418	−1892
4	12	0.971 7141	1 9394		0.217 8190	7 6876		0.094 4759	3 3347	
5	0	0.969 7747	2 0112	1197	0.225 5066	7 6706	4334	0.097 8106	3 3274	1885
5	12	0.967 7635	2 0830		0.233 1772	7 6530		0.101 1380	3 3198	
6	0	0.965 6805	2 1543	1278	0.240 8302	7 6348	4316	0.104 4578	3 3119	1877
6	12	0.963 5262	2 2256		0.248 4650	7 6162		0.107 7697	3 3039	
7	0	+0.961 3006	2 2965	+1359	+0.256 0812	7 5968	−4296	+0.111 0736	3 2955	−1869
7	12	0.959 0041	2 3672		0.263 6780	7 5771		0.114 3691	3 2869	
8	0	0.956 6369	2 4377	1440	0.271 2551	7 5566	4275	0.117 6560	3 2780	1860
8	12	0.954 1992	2 5079		0.278 8117	7 5358		0.120 9340	3 2690	
9	0	0.951 6913	2 5779	1520	0.286 3475	7 5143	4253	0.124 2030	3 2596	1850
9	12	0.949 1134	2 6476		0.293 8618	7 4923		0.127 4626	3 2502	
10	0	+0.946 4658	2 7170	+1600	+0.301 3541	7 4699	−4230	+0.130 7128	3 2404	−1840
10	12	0.943 7488	2 7862		0.308 8240	7 4470		0.133 9532	3 2304	
11	0	0.940 9626	2 8549	1679	0.316 2710	7 4234	4205	0.137 1836	3 2201	1829
11	12	0.938 1077	2 9237		0.323 6944	7 3994		0.140 4037	3 2097	
12	0	0.935 1840	2 9921	+1758	0.331 0938	7 3749	−4179	0.143 6134	3 1991	−1818
12	12	+0.932 1919			+0.338 4687			+0.146 8125		

Welt-Zeit		Mittleres Äquinoktium 1927.0								
		X		Red. auf 1925.0	Y		Red. auf 1925.0	Z		Red. auf 1925.0
1927	h									
April 12	12	+0.932 1919	3 0603		+0.338 4687	7 3500		+0.146 8125	3 1882	
13	0	0.929 1316	3 1280	+1836	0.345 8187	7 3243	−4152	0.150 0007	3 1770	−1806
13	12	0.926 0036	3 1956		0.353 1430	7 2985		0.153 1777	3 1658	
14	0	0.922 8080	3 2629	1914	0.360 4415	7 2719	4124	0.156 3435	3 1543	1794
14	12	0.919 5451	3 3300		0.367 7134	7 2449		0.159 4978	3 1426	
15	0	0.916 2151	3 3967	1991	0.374 9583	7 2175	4095	0.162 6404	3 1305	1781
15	12	+0.912 8184	3 4632		+0.382 1758	7 1896		+0.165 7709	3 1184	
16	0	0.909 3552	3 5294	+2067	0.389 3654	7 1611	−4064	0.168 8893	3 1061	−1768
16	12	0.905 8258	3 5953		0.396 5265	7 1323		0.171 9954	3 0935	
17	0	0.902 2305	3 6610	2143	0.403 6588	7 1029	4032	0.175 0889	3 0807	1754
17	12	0.898 5695	3 7265		0.410 7617	7 0730		0.178 1696	3 0678	
18	0	0.894 8430	3 7914	2218	0.417 8347	7 0426	3999	0.181 2374	3 0546	1740
18	12	+0.891 0516	3 8562		+0.424 8773	7 0120		+0.184 2920	3 0412	
19	0	0.887 1954	3 9208	+2293	0.431 8893	6 9806	−3965	0.187 3332	3 0276	−1725
19	12	0.883 2746	3 9850		0.438 8699	6 9489		0.190 3608	3 0138	
20	0	0.879 2896	4 0489	2367	0.445 8188	6 9167	3930	0.193 3746	2 9997	1709
20	12	0.875 2407	4 1127		0.452 7355	6 8839		0.196 3743	2 9856	
21	0	0.871 1280	4 1760	2440	0.459 6194	6 8508	3894	0.199 3599	2 9712	1693
21	12	+0.866 9520	4 2392		+0.466 4702	6 8173		+0.202 3311	2 9567	
22	0	0.862 7128	4 3019	+2513	0.473 2875	6 7832	−3857	0.205 2878	2 9418	−1677
22	12	0.858 4109	4 3645		0.480 0707	6 7485		0.208 2296	2 9268	
23	0	0.854 0464	4 4266	2585	0.486 8192	6 7134	3818	0.211 1564	2 9117	1660
23	12	0.849 6198	4 4886		0.493 5326	6 6779		0.214 0681	2 8963	
24	0	0.845 1312	4 5502	2656	0.500 2105	6 6419	3778	0.216 9644	2 8806	1643
24	12	+0.840 5810	4 6115		+0.506 8524	6 6055		+0.219 8450	2 8647	
25	0	0.835 9695	4 6724	+2727	0.513 4579	6 5694	−3737	0.222 7097	2 8488	−1625
25	12	0.831 2971	4 7332		0.520 0263	6 5309		0.225 5585	2 8326	
26	0	0.826 5639	4 7934	2796	0.526 5572	6 4930	3695	0.228 3911	2 8162	1607
26	12	0.821 7705	4 8535		0.533 0502	6 4544		0.231 2073	2 7995	
27	0	0.816 9170	4 9132	2865	0.539 5046	6 4155	3652	0.234 0068	2 7826	1588
27	12	+0.812 0038	4 9725		+0.545 9201	6 3762		+0.236 7894	2 7655	
28	0	0.807 0313	5 0314	+2933	0.552 2963	6 3361	−3608	0.239 5549	2 7483	−1569
28	12	0.801 9999	5 0900		0.558 6324	6 2956		0.242 3032	2 7307	
29	0	0.796 9099	5 1480	3000	0.564 9280	6 2547	3562	0.245 0339	2 7130	1549
29	12	0.791 7619	5 2059		0.571 1827	6 2132		0.247 7469	2 6951	
30	0	0.786 5560	5 2633	3066	0.577 3959	6 1714	3516	0.250 4420	2 6770	1529
30	12	+0.781 2927	5 3203		+0.583 5673	6 1289		+0.253 1190	2 6586	
Mai 1	0	0.775 9724	5 3767	+3131	0.589 6962	6 0861	−3469	0.255 7776	2 6401	−1508
1	12	0.770 5957	5 4329		0.595 7823	6 0426		0.258 4177	2 6213	
2	0	0.765 1628	5 4883	3195	0.601 8249	5 9989	3421	0.261 0390	2 6023	1487
2	12	0.759 6745	5 5436		0.607 8238	5 9545		0.263 6413	2 5831	
3	0	+0.754 1309		+3259	+0.613 7783		−3371	+0.266 2244		−1466

Welt-Zeit		Mittleres Äquinoktium 1927.0								
		X		Red. auf 1925.0	Y		Red. auf 1925.0	Z		Red. auf 1925.0
1927 Mai 3	0ʰ	+0.754 1309	5 5981	+3259	+0.613 7783	5 9100	−3371	+0.266 2244	2 5638	−1466
3	12	0.748 5328	5 6524		0.619 6883	5 8648		0.268 7882	2 5442	
4	0	0.742 8804	5 7060	3322	0.625 5531	5 8193	3321	0.271 3324	2 5245	1444
4	12	0.737 1744	5 7593		0.631 3724	5 7733		0.273 8569	2 5045	
5	0	0.731 4151	5 8120	3384	0.637 1457	5 7271	3270	0.276 3614	2 4845	1422
5	12	0.725 6031	5 8643		0.642 8728	5 6802		0.278 8459	2 4642	
6	0	+0.719 7388	5 9161	+3445	+0.648 5530	5 6333	−3218	+0.281 3101	2 4437	−1399
6	12	0.713 8227	5 9674		0.654 1863	5 5857		0.283 7538	2 4232	
7	0	0.707 8553	6 0181	3504	0.659 7720	5 5380	3165	0.286 1770	2 4025	1376
7	12	0.701 8372	6 0684		0.665 3100	5 4897		0.288 5795	2 3814	
8	0	0.695 7688	6 1182	3563	0.670 7997	5 4412	3111	0.290 9609	2 3604	1353
8	12	0.689 6506	6 1676		0.676 2409	5 3923		0.293 3213	2 3392	
9	0	+0.683 4830	6 2163	+3621	+0.681 6332	5 3431	−3056	+0.295 6605	2 3177	−1329
9	12	0.677 2667	6 2648		0.686 9763	5 2935		0.297 9782	2 2963	
10	0	0.671 0019	6 3126	3677	0.692 2698	5 2437	3000	0.300 2745	2 2746	1305
10	12	0.664 6893	6 3600		0.697 5135	5 1936		0.302 5491	2 2528	
11	0	0.658 3293	6 4069	3732	0.702 7071	5 1430	2943	0.304 8019	2 2309	1280
11	12	0.651 9224	6 4534		0.707 8501	5 0920		0.307 0328	2 2087	
12	0	+0.645 4690	6 4993	+3787	+0.712 9421	5 0409	−2885	+0.309 2415	2 1865	−1255
12	12	0.638 9697	6 5448		0.717 9830	4 9895		0.311 4280	2 1641	
13	0	0.632 4249	6 5897	3840	0.722 9725	4 9377	2827	0.313 5921	2 1417	1230
13	12	0.625 8352	6 6342		0.727 9102	4 8855		0.315 7338	2 1190	
14	0	0.619 2010	6 6783	3892	0.732 7957	4 8333	2768	0.317 8528	2 0963	1204
14	12	0.612 5227	6 7219		0.737 6290	4 7805		0.319 9491	2 0734	
15	0	+0.605 8008	6 7649	+3943	+0.742 4095	4 7276	−2708	+0.322 0225	2 0504	−1178
15	12	0.599 0359	6 8075		0.747 1371	4 6743		0.324 0729	2 0272	
16	0	0.592 2284	6 8496	3993	0.751 8114	4 6207	2647	0.326 1001	2 0040	1152
16	12	0.585 3788	6 8913		0.756 4321	4 5669		0.328 1041	1 9806	
17	0	0.578 4875	6 9324	4042	0.760 9990	4 5128	2586	0.330 0847	1 9571	1125
17	12	0.571 5551	6 9731		0.765 5118	4 4583		0.332 0418	1 9334	
18	0	+0.564 5820	7 0133	+4090	+0.769 9701	4 4037	−2524	+0.333 9752	1 9098	−1098
18	12	0.557 5687	7 0531		0.774 3738	4 3487		0.335 8850	1 8859	
19	0	0.550 5156	7 0924	4136	0.778 7225	4 2934	2461	0.337 7709	1 8620	1071
19	12	0.543 4232	7 1312		0.783 0159	4 2379		0.339 6329	1 8378	
20	0	0.536 2920	7 1694	4181	0.787 2538	4 1821	2398	0.341 4707	1 8137	1043
20	12	0.529 1226	7 2074		0.791 4359	4 1259		0.343 2844	1 7892	
21	0	+0.521 9152	7 2446	+4225	+0.795 5618	4 0696	−2334	+0.345 0736	1 7649	−1015
21	12	0.514 6706	7 2816		0.799 6314	4 0127		0.346 8385	1 7402	
22	0	0.507 3890	7 3180	4268	0.803 6441	3 9559	2269	0.348 5787	1 7156	987
22	12	0.500 0710	7 3539		0.807 6000	3 8985		0.350 2943	1 6907	
23	0	0.492 7171	7 3893	+4310	0.811 4985	3 8410	−2203	0.351 9850	1 6659	− 958
23	12	+0.485 3278			+0.815 3395			+0.353 6509		

Welt-Zeit		Mittleres Äquinoktium 1927.0								
		X		Red. auf 1925.0	Y		Red. auf 1925.0	Z		Red. auf 1925.0
1927	h									
Mai 23	12	+0.485 3278	7 4243		+0.815 3395	3 7830		+0.353 6509	1 6408	
24	0	0.477 9035	7 4586	+4351	0.819 1225	3 7250	−2137	0.355 2917	1 6156	−929
24	12	0.470 4449	7 4926		0.822 8475	3 6666		0.356 9073	1 5902	
25	0	0.462 9523	7 5259	4390	0.826 5141	3 6078	2070	0.358 4975	1 5648	900
25	12	0.455 4264	7 5588		0.830 1219	3 5488		0.360 0623	1 5392	
26	0	0.447 8676	7 5911	4428	0.833 6707	3 4894	2003	0.361 6015	1 5137	871
26	12	+0.440 2765	7 6229		+0.837 1601	3 4298		+0.363 1152	1 4878	
27	0	0.432 6536	7 6540	+4465	0.840 5899	3 3700	−1935	0.364 6030	1 4619	−841
27	12	0.424 9996	7 6848		0.843 9599	3 3098		0.366 0649	1 4357	
28	0	0.417 3148	7 7148	4500	0.847 2697	3 2494	1866	0.367 5006	1 4097	811
28	12	0.409 6000	7 7443		0.850 5191	3 1887		0.368 9103	1 3833	
29	0	0.401 8557	7 7731	4534	0.853 7078	3 1278	1797	0.370 2936	1 3570	781
29	12	+0.394 0826	7 8015		+0.856 8356	3 0666		+0.371 6506	1 3305	
30	0	0.386 2811	7 8291	+4567	0.859 9022	3 0052	−1727	0.372 9811	1 3039	−751
30	12	0.378 4520	7 8563		0.862 9074	2 9435		0.374 2850	1 2771	
31	0	0.370 5957	7 8826	4599	0.865 8509	2 8818	1657	0.375 5621	1 2503	721
31	12	0.362 7131	7 9085		0.868 7327	2 8196		0.376 8124	1 2234	
Juni 1	0	0.354 8046	7 9338	4629	0.871 5523	2 7575	1586	0.378 0358	1 1965	690
1	12	+0.346 8708	7 9584		+0.874 3098	2 6951		+0.379 2323	1 1693	
2	0	0.338 9124	7 9822	+4658	0.877 0049	2 6325	−1515	0.380 4016	1 1422	−659
2	12	0.330 9302	8 0057		0.879 6374	2 5697		0.381 5438	1 1150	
3	0	0.322 9245	8 0283	4686	0.882 2071	2 5070	1444	0.382 6588	1 0878	628
3	12	0.314 8962	8 0505		0.884 7141	2 4439		0.383 7466	1 0604	
4	0	0.306 8457	8 0719	4712	0.887 1580	2 3808	1372	0.384 8070	1 0329	597
4	12	+0.298 7738	8 0930		+0.889 5388	2 3174		+0.385 8399	1 0055	
5	0	0.290 6808	8 1131	+4737	0.891 8562	2 2542	−1300	0.386 8454	9780	−566
5	12	0.282 5677	8 1330		0.894 1104	2 1905		0.387 8234	9504	
6	0	0.274 4347	8 1519	4761	0.896 3009	2 1270	1227	0.388 7738	9227	534
6	12	0.266 2828	8 1705		0.898 4279	2 0633		0.389 6965	8950	
7	0	0.258 1123	8 1883	4783	0.900 4912	1 9995	1154	0.390 5915	8673	502
7	12	+0.249 9240	8 2058		+0.902 4907	1 9355		+0.391 4588	8396	
8	0	0.241 7182	8 2224	+4804	0.904 4262	1 8716	−1081	0.392 2984	8119	−470
8	12	0.233 4958	8 2386		0.906 2978	1 8074		0.393 1103	7839	
9	0	0.225 2572	8 2541	4824	0.908 1052	1 7433	1008	0.393 8942	7561	438
9	12	0.217 0031	8 2691		0.909 8485	1 6791		0.394 6503	7282	
10	0	0.208 7340	8 2835	4842	0.911 5276	1 6147	934	0.395 3785	7004	406
10	12	+0.200 4505	8 2974		+0.913 1423	1 5503		+0.396 0789	6723	
11	0	0.192 1531	8 3106	+4859	0.914 6926	1 4859	− 860	0.396 7512	6443	−374
11	12	0.183 8425	8 3234		0.916 1785	1 4213		0.397 3955	6162	
12	0	0.175 5191	8 3354	4874	0.917 5998	1 3567	786	0.398 0117	5883	342
12	12	0.167 1837	8 3470		0.918 9565	1 2921		0.398 6000	5601	
13	0	+0.158 8367		+4888	+0.920 2486		− 711	+0.399 1601		−309

Welt-Zeit		Mittleres Äquinoktium 1927.0 X		Red. auf 1925.0	Y		Red. auf 1925.0	Z		Red. auf 1925.0
1927	h									
Juni 13	0	+0.158 8367	8 3579	+4888	+0.920 2486	1 2274	− 711	+0.399 1601	5322	−309
13	12	0.150 4788	8 3683		0.921 4760	1 1626		0.399 6923	5039	
14	0	0.142 1105	8 3783	4901	0.922 6386	1 0979	636	0.400 1962	4759	276
14	12	0.133 7322	8 3875		0.923 7365	1 0329		0.400 6721	4476	
15	0	0.125 3447	8 3964	4912	0.924 7694	9681	561	0.401 1197	4196	243
15	12	0.116 9483	8 4045		0.925 7375	9031		0.401 5393	3913	
16	0	+0.108 5438	8 4122	+4922	+0.926 6406	8381	− 486	+0.401 9306	3633	−211
16	12	0.100 1316	8 4193		0.927 4787	7731		0.402 2939	3349	
17	0	0.091 7123	8 4260	4931	0.928 2518	7079	411	0.402 6288	3067	178
17	12	0.083 2863	8 4320		0.928 9597	6426		0.402 9355	2784	
18	0	0.074 8543	8 4375	4938	0.929 6023	5775	335	0.403 2139	2503	146
18	12	0.066 4168	8 4423		0.930 1798	5122		0.403 4642	2219	
19	0	+0.057 9745	8 4468	+4944	+0.930 6920	4470	− 260	+0.403 6861	1936	−113
19	12	0.049 5277	8 4505		0.931 1390	3815		0.403 8797	1652	
20	0	0.041 0772	8 4539	4948	0.931 5205	3160	184	0.404 0449	1369	80
20	12	0.032 6233	8 4565		0.931 8365	2504		0.404 1818	1085	
21	0	0.024 1668	8 4586	4951	0.932 0869	1849	109	0.404 2903	802	47
21	12	0.015 7082	8 4601		0.932 2718	1192		0.404 3705	517	
22	0	+0.007 2481	8 4611	+4953	+0.932 3910	536	− 33	+0.404 4222	233	− 15
22	12	−0.001 2130	8 4614		0.932 4446	121		0.404 4455	53	
23	0	0.009 6744	8 4613	4953	0.932 4325	778	+ 42	0.404 4402	337	+ 18
23	12	0.018 1357	8 4603		0.932 3547	1438		0.404 4065	621	
24	0	0.026 5960	8 4589	4952	0.932 2109	2095	118	0.404 3444	907	51
24	12	0.035 0549	8 4569		0.932 0014	2754		0.404 2537	1193	
25	0	−0.043 5118	8 4541	+4949	+0.931 7260	3412	+ 194	+0.404 1344	1477	+ 84
25	12	0.051 9659	8 4507		0.931 3848	4072		0.403 9867	1763	
26	0	0.060 4166	8 4468	4945	0.930 9776	4730	270	0.403 8104	2049	117
26	12	0.068 8634	8 4422		0.930 5046	5389		0.403 6055	2334	
27	0	0.077 3056	8 4370	4940	0.929 9657	6047	345	0.403 3721	2619	149
27	12	0.085 7426	8 4310		0.929 3610	6706		0.403 1102	2905	
28	0	−0.094 1736	8 4245	+4933	+0.928 6904	7362	+ 420	+0.402 8197	3189	+182
28	12	0.102 5981	8 4173		0.927 9542	8021		0.402 5008	3475	
29	0	0.111 0154	8 4094	4925	0.927 1521	8676	495	0.402 1533	3760	215
29	12	0.119 4248	8 4010		0.926 2845	9334		0.401 7773	4044	
30	0	0.127 8258	8 3919	4916	0.925 3511	9988	570	0.401 3729	4329	248
30	12	0.136 2177	8 3821		0.924 3523	1 0643		0.400 9400	4613	
Juli 1	0	−0.144 5998	8 3719	+4905	+0.923 2880	1 1295	+ 645	+0.400 4787	4896	+280
1	12	0.152 9717	8 3607		0.922 1585	1 1947		0.399 9891	5180	
2	0	0.161 3324	8 3491	4893	0.920 9638	1 2597	720	0.399 4711	5461	313
2	12	0.169 6815	8 3368		0.919 7041	1 3247		0.398 9250	5744	
3	0	0.178 0183	8 3241	+4879	0.918 3794	1 3896	+ 795	0.398 3506	6025	+345
3	12	−0.186 3424			+0.916 9898			+0.397 7481		

Welt-Zeit		Mittleres Äquinoktium 1927.0								
		X		Red. auf 1925.0	*Y*		Red. auf 1925.0	*Z*		Red. auf 1925.0
1927										
Juli 3	12h	−0.186 3424	8 3105		+0.916 9898	1 4543		+0.397 7481	6307	
4	0	0.194 6529	8 2966	+4864	0.915 5355	1 5188	+ 869	0.397 1174	6586	+378
4	12	0.202 9495	8 2818		0.914 0167	1 5833		0.396 4588	6867	
5	0	0.211 2313	8 2667	4848	0.912 4334	1 6475	943	0.395 7721	7145	410
5	12	0.219 4980	8 2507		0.910 7859	1 7116		0.395 0576	7425	
6	0	0.227 7487	8 2344	4830	0.909 0743	1 7755	1017	0.394 3151	7701	442
6	12	−0.235 9831	8 2175		+0.907 2988	1 8394		+0.393 5450	7979	
7	0	0.244 2006	8 1999	+4811	0.905 4594	1 9029	+1090	0.392 7471	8255	+474
7	12	0.252 4005	8 1817		0.903 5565	1 9665		0.391 9216	8531	
8	0	0.260 5822	8 1631	4790	0.901 5900	2 0298	1163	0.391 0685	8806	506
8	12	0.268 7453	8 1439		0.899 5602	2 0930		0.390 1879	9080	
9	0	0.276 8892	8 1241	4768	0.897 4672	2 1558	1236	0.389 2799	9353	538
9	12	−0.285 0133	8 1037		+0.895 3114	2 2187		+0.388 3446	9627	
10	0	0.293 1170	8 0829	+4745	0.893 0927	2 2813	+1309	0.387 3819	9898	+570
10	12	0.301 1999	8 0613		0.890 8114	2 3437		0.386 3921	1 0169	
11	0	0.309 2612	8 0395	4720	0.888 4677	2 4059	1381	0.385 3752	1 0439	601
11	12	0.317 3007	8 0170		0.886 0618	2 4680		0.384 3313	1 0707	
12	0	0.325 3177	7 9940	4694	0.883 5938	2 5298	1453	0.383 2606	1 0976	632
12	12	−0.333 3117	7 9703		+0.881 0640	2 5915		+0.382 1630	1 1245	
13	0	0.341 2820	7 9464	+4667	0.878 4725	2 6530	+1524	0.381 0385	1 1511	+663
13	12	0.349 2284	7 9217		0.875 8195	2 7143		0.379 8874	1 1777	
14	0	0.357 1501	7 8967	4639	0.873 1052	2 7754	1595	0.378 7097	1 2041	694
14	12	0.365 0468	7 8710		0.870 3298	2 8364		0.377 5056	1 2307	
15	0	0.372 9178	7 8451	4609	0.867 4934	2 8970	1666	0.376 2749	1 2569	725
15	12	−0.380 7629	7 8185		+0.864 5964	2 9577		+0.375 0180	1 2832	
16	0	0.388 5814	7 7913	+4578	0.861 6387	3 0181	+1736	0.373 7348	1 3093	+755
16	12	0.396 3727	7 7637		0.858 6206	3 0784		0.372 4255	1 3354	
17	0	0.404 1364	7 7356	4546	0.855 5422	3 1383	1806	0.371 0901	1 3614	785
17	12	0.411 8720	7 7069		0.852 4039	3 1982		0.369 7287	1 3875	
18	0	0.419 5789	7 6778	4512	0.849 2057	3 2579	1875	0.368 3412	1 4133	815
18	12	−0.427 2567	7 6481		+0.845 9478	3 3176		+0.366 9279	1 4390	
19	0	0.434 9048	7 6178	+4477	0.842 6302	3 3768	+1943	0.365 4889	1 4646	+845
19	12	0.442 5226	7 5871		0.839 2534	3 4360		0.364 0243	1 4904	
20	0	0.450 1097	7 5559	4441	0.835 8174	3 4949	2011	0.362 5339	1 5159	875
20	12	0.457 6656	7 5240		0.832 3225	3 5538		0.361 0180	1 5413	
21	0	0.465 1896	7 4917	4404	0.828 7687	3 6123	2078	0.359 4767	1 5667	904
21	12	−0.472 6813	7 4586		+0.825 1564	3 6707		+0.357 9100	1 5920	
22	0	0.480 1399	7 4252	+4365	0.821 4857	3 7289	+2145	0.356 3180	1 6171	+933
22	12	0.487 5651	7 3911		0.817 7568	3 7869		0.354 7009	1 6422	
23	0	0.494 9562	7 3564	4325	0.813 9699	3 8445	2211	0.353 0587	1 6673	962
23	12	0.502 3126	7 3214		0.810 1254	3 9020		0.351 3914	1 6922	
24	0	−0.509 6340		+4284	+0.806 2234		+2277	+0.349 6992		+990

Welt-Zeit		Mittleres Äquinoktium 1927.0 X		Red. auf 1925.0	Y		Red. auf 1925.0	Z		Red. auf 1925.0
1927	h									
Juli 24	0	−0.509 6340	7 2856	+4284	+0.806 2234	3 9593	+2277	+0.349 6992	1 7170	+ 990
24	12	0.516 9196	7 2492		0.802 2641	4 0163		0.347 9822	1 7418	
25	0	0.524 1688	7 2125	4242	0.798 2478	4 0730	2342	0.346 2404	1 7663	1018
25	12	0.531 3813	7 1749		0.794 1748	4 1296		0.344 4741	1 7908	
26	0	0.538 5562	7 1369	4198	0.790 0452	4 1856	2406	0.342 6833	1 8150	1046
26	12	0.545 6931	7 0983		0.785 8596	4 2415		0.340 8683	1 8394	
27	0	−0.552 7914	7 0593	+4153	+0.781 6181	4 2971	+2470	+0.339 0289	1 8636	+1074
27	12	0.559 8507	7 0196		0.777 3210	4 3524		0.337 1653	1 8875	
28	0	0.566 8703	6 9793	4107	0.772 9686	4 4073	2533	0.335 2778	1 9113	1101
28	12	0.573 8496	6 9385		0.768 5613	4 4619		0.333 3665	1 9351	
29	0	0.580 7881	6 8973	4060	0.764 0994	4 5161	2595	0.331 4314	1 9585	1128
29	12	0.587 6854	6 8555		0.759 5833	4 5701		0.329 4729	1 9821	
30	0	−0.594 5409	6 8132	+4012	+0.755 0132	4 6237	+2656	+0.327 4908	2 0053	+1155
30	12	0.601 3541	6 7703		0.750 3895	4 6769		0.325 4855	2 0285	
31	0	0.608 1244	6 7269	3963	0.745 7126	4 7298	2717	0.323 4570	2 0514	1181
31	12	0.614 8513	6 6831		0.740 9828	4 7824		0.321 4056	2 0742	
Aug. 1	0	0.621 5344	6 6388	3912	0.736 2004	4 8345	2777	0.319 3314	2 0969	1207
1	12	0.628 1732	6 5938		0.731 3659	4 8863		0.317 2345	2 1194	
2	0	−0.634 7670	6 5487	+3860	+0.726 4796	4 9376	+2836	+0.315 1151	2 1417	+1233
2	12	0.641 3157	6 5029		0.721 5420	4 9887		0.312 9734	2 1639	
3	0	0.647 8186	6 4566	3807	0.716 5533	5 0393	2894	0.310 8095	2 1860	1259
3	12	0.654 2752	6 4100		0.711 5140	5 0896		0.308 6235	2 2078	
4	0	0.660 6852	6 3628	3753	0.706 4244	5 1396	2951	0.306 4157	2 2293	1284
4	12	0.667 0480	6 3152		0.701 2848	5 1890		0.304 1864	2 2510	
5	0	−0.673 3632	6 2672	+3698	+0.696 0958	5 2382	+3008	+0.301 9354	2 2722	+1309
5	12	0.679 6304	6 2187		0.690 8576	5 2869		0.299 6632	2 2935	
6	0	0.685 8491	6 1700	3643	0.685 5707	5 3353	3064	0.297 3697	2 3144	1333
6	12	0.692 0191	6 1205		0.680 2354	5 3833		0.295 0553	2 3353	
7	0	0.698 1396	6 0709	3586	0.674 8521	5 4308	3119	0.292 7200	2 3558	1357
7	12	0.704 2105	6 0207		0.669 4213	5 4780		0.290 3642	2 3765	
8	0	−0.710 2312	5 9702	+3528	+0.663 9433	5 5247	+3173	+0.287 9877	2 3966	+1381
8	12	0.716 2014	5 9193		0.658 4186	5 5711		0.285 5911	2 4169	
9	0	0.722 1207	5 8679	3469	0.652 8475	5 6171	3226	0.283 1742	2 4367	1404
9	12	0.727 9886	5 8162		0.647 2304	5 6627		0.280 7375	2 4566	
10	0	0.733 8048	5 7642	3409	0.641 5677	5 7078	3278	0.278 2809	2 4760	1427
10	12	0.739 5690	5 7117		0.635 8599	5 7526		0.275 8049	2 4956	
11	0	−0.745 2807	5 6589	+3348	+0.630 1073	5 7971	+3329	+0.273 3093	2 5148	+1449
11	12	0.750 9396	5 6056		0.624 3102	5 8411		0.270 7945	2 5339	
12	0	0.756 5452	5 5521	3287	0.618 4691	5 8848	3380	0.268 2606	2 5527	1471
12	12	0.762 0973	5 4982		0.612 5843	5 9280		0.265 7079	2 5715	
13	0	0.767 5955	5 4440	+3224	0.606 6563	5 9708	+3430	0.263 1364	2 5900	+1492
13	12	−0.773 0395			+0.600 6855			+0.260 5464		

Welt-Zeit		Mittleres Äquinoktium 1927.0								
		X		Red. auf 1925.0	Y		Red. auf 1925.0	Z		Red. auf 1925.0
1927	h									
Aug. 13	12	−0.773 0395	5 3893		+0.600 6855	6 0134		+0.260 5464	2 6085	
14	0	0.778 4288	5 3343	+3160	0.594 6721	6 0556	+3478	0.257 9379	2 6267	+1513
14	12	0.783 7631	5 2789		0.588 6165	6 0973		0.255 3112	2 6449	
15	0	0.789 0420	5 2232	3095	0.582 5192	6 1387	3525	0.252 6663	2 6627	1533
15	12	0.794 2652	5 1670		0.576 3805	6 1797		0.250 0036	2 6805	
16	0	0.799 4322	5 1106	3030	0.570 2008	6 2205	3572	0.247 3231	2 6979	1553
16	12	−0.804 5428	5 0536		+0.563 9803	6 2606		+0.244 6252	2 7155	
17	0	0.809 5964	4 9964	+2964	0.557 7197	6 3005	+3617	0.241 9097	2 7326	+1573
17	12	0.814 5928	4 9386		0.551 4192	6 3400		0.239 1771	2 7497	
18	0	0.819 5314	4 8807	2897	0.545 0792	6 3792	3662	0.236 4274	2 7668	1592
18	12	0.824 4121	4 8221		0.538 7000	6 4178		0.233 6606	2 7836	
19	0	0.829 2342	4 7633	2829	0.532 2822	6 4561	3705	0.230 8770	2 8001	1611
19	12	−0.833 9975	4 7041		+0.525 8261	6 4939		+0.228 0769	2 8165	
20	0	0.838 7016	4 6445	+2760	0.519 3322	6 5314	+3748	0.225 2604	2 8326	+1629
20	12	0.843 3461	4 5843		0.512 8008	6 5683		0.222 4278	2 8487	
21	0	0.847 9304	4 5239	2690	0.506 2325	6 6049	3789	0.219 5791	2 8645	1647
21	12	0.852 4543	4 4631		0.499 6276	6 6410		0.216 7146	2 8802	
22	0	0.856 9174	4 4020	2620	0.492 9866	6 6767	3829	0.213 8344	2 8955	1665
22	12	−0.861 3194	4 3402		+0.486 3099	6 7118		+0.210 9389	2 9110	
23	0	0.865 6596	4 2783	+2549	0.479 5981	6 7465	+3868	0.208 0279	2 9258	+1682
23	12	0.869 9379	4 2159		0.472 8516	6 7806		0.205 1021	2 9408	
24	0	0.874 1538	4 1532	2477	0.466 0710	6 8144	3906	0.202 1613	2 9554	1699
24	12	0.878 3070	4 0901		0.459 2566	6 8476		0.199 2059	2 9698	
25	0	0.882 3971	4 0267	2405	0.452 4090	6 8803	3943	0.196 2361	2 9841	1715
25	12	−0.886 4238	3 9628		+0.445 5287	6 9125		+0.193 2520	2 9980	
26	0	0.890 3866	3 8989	+2332	0.438 6162	6 9441	+3979	0.190 2540	3 0118	+1731
26	12	0.894 2855	3 8344		0.431 6721	6 9753		0.187 2422	3 0254	
27	0	0.898 1199	3 7697	2258	0.424 6968	7 0059	4014	0.184 2168	3 0387	1746
27	12	0.901 8896	3 7045		0.417 6909	7 0360		0.181 1781	3 0517	
28	0	0.905 5941	3 6392	2183	0.410 6549	7 0655	4047	0.178 1264	3 0647	1760
28	12	−0.909 2333	3 5736		+0.403 5894	7 0946		+0.175 0617	3 0772	
29	0	0.912 8069	3 5077	+2108	0.396 4948	7 1231	+4079	0.171 9845	3 0897	+1774
29	12	0.916 3146	3 4414		0.389 3717	7 1510		0.168 8948	3 1017	
30	0	0.919 7560	3 3750	2032	0.382 2207	7 1784	4110	0.165 7931	3 1137	1788
30	12	0.923 1310	3 3082		0.375 0423	7 2053		0.162 6794	3 1254	
31	0	0.926 4392	3 2414	1956	0.367 8370	7 2317	4140	0.159 5540	3 1369	1801
31	12	−0.929 6806	3 1741		+0.360 6053	7 2574		+0.156 4171	3 1480	
Sept. 1	0	0.932 8547	3 1067	+1879	0.353 3479	7 2828	+4169	0.153 2691	3 1591	+1813
1	12	0.935 9614	3 0390		0.346 0651	7 3074		0.150 1100	3 1698	
2	0	0.939 0004	2 9711	1801	0.338 7577	7 3316	4196	0.146 9402	3 1804	1825
2	12	0.941 9715	2 9029		0.331 4261	7 3552		0.143 7598	3 1906	
3	0	−0.944 8744		+1723	+0.324 0709		+4222	+0.140 5692		+1837

Welt-Zeit		Mittleres Äquinoktium 1927.0 X		Red. auf 1925.0	Y		Red. auf 1925.0	Z		Red. auf 1925.0
1927										
Sept. 3	0h	−0.944 8744	2 8346	+1723	+0.324 0709	7 3783	+4222	+0.140 5692	3 2006	+1837
3	12	0.947 7090	2 7661		0.316 6926	7 4008		0.137 3686	3 2104	
4	0	0.950 4751	2 6974	1644	0.309 2918	7 4228	4247	0.134 1582	3 2200	1848
4	12	0.953 1725	2 6285		0.301 8690	7 4443		0.130 9382	3 2293	
5	0	0.955 8010	2 5594	1565	0.294 4247	7 4651	4271	0.127 7089	3 2383	1858
5	12	0.958 3604	2 4902		0.286 9596	7 4855		0.124 4706	3 2471	
6	0	−0.960 8506	2 4208	+1486	+0.279 4741	7 5053	+4294	+0.121 2235	3 2557	+1868
6	12	0.963 2714	2 3512		0.271 9688	7 5246		0.117 9678	3 2641	
7	0	0.965 6226	2 2815	1406	0.264 4442	7 5434	4315	0.114 7037	3 2723	1877
7	12	0.967 9041	2 2117		0.256 9008	7 5616		0.111 4314	3 2801	
8	0	0.970 1158	2 1417	1326	0.249 3392	7 5792	4335	0.108 1513	3 2877	1886
8	12	0.972 2575	2 0715		0.241 7600	7 5964		0.104 8636	3 2952	
9	0	−0.974 3290	2 0013	+1245	+0.234 1636	7 6132	+4354	+0.101 5684	3 3024	+1894
9	12	0.976 3303	1 9309		0.226 5504	7 6292		0.098 2660	3 3094	
10	0	0.978 2612	1 8604	1164	0.218 9212	7 6449	4372	0.094 9566	3 3161	1902
10	12	0.980 1216	1 7897		0.211 2763	7 6600		0.091 6405	3 3226	
11	0	0.981 9113	1 7190	1083	0.203 6163	7 6747	4388	0.088 3179	3 3290	1909
11	12	0.983 6303	1 6481		0.195 9416	7 6888		0.084 9889	3 3350	
12	0	−0.985 2784	1 5771	+1001	+0.188 2528	7 7025	+4403	+0.081 6539	3 3409	+1915
12	12	0.986 8555	1 5059		0.180 5503	7 7156		0.078 3130	3 3465	
13	0	0.988 3614	1 4345	919	0.172 8347	7 7282	4417	0.074 9665	3 3520	1921
13	12	0.989 7959	1 3631		0.165 1065	7 7403		0.071 6145	3 3572	
14	0	0.991 1590	1 2914	837	0.157 3662	7 7520	4429	0.068 2573	3 3622	1926
14	12	0.992 4504	1 2197		0.149 6142	7 7631		0.064 8951	3 3670	
15	0	−0.993 6701	1 1478	+ 755	+0.141 8511	7 7736	+4440	+0.061 5281	3 3716	+1931
15	12	0.994 8179	1 0756		0.134 0775	7 7838		0.058 1565	3 3759	
16	0	0.995 8935	1 0034	672	0.126 2937	7 7933	4450	0.054 7806	3 3799	1935
16	12	0.996 8969	9310		0.118 5004	7 8022		0.051 4007	3 3839	
17	0	0.997 8279	8586	589	0.110 6982	7 8108	4459	0.048 0168	3 3875	1939
17	12	0.998 6865	7858		0.102 8874	7 8186		0.044 6293	3 3910	
18	0	−0.999 4723	7130	+ 506	+0.095 0688	7 8261	+4466	+0.041 2383	3 3942	+1942
18	12	1.000 1853	6400		0.087 2427	7 8326		0.037 8441	3 3971	
19	0	1.000 8253	5671	423	0.079 4101	7 8389	4472	0.034 4470	3 3997	1945
19	12	1.001 3924	4938		0.071 5712	7 8446		0.031 0473	3 4022	
20	0	1.001 8862	4205	340	0.063 7266	7 8495	4477	0.027 6451	3 4045	1947
20	12	1.002 3067	3472		0.055 8771	7 8539		0.024 2406	3 4063	
21	0	−1.002 6539	2736	+ 257	+0.048 0232	7 8578	+4481	+0.020 8343	3 4079	+1949
21	12	1.002 9275	1999		0.040 1654	7 8610		0.017 4264	3 4094	
22	0	1.003 1274	1264	173	0.032 3044	7 8635	4483	0.014 0170	3 4107	1950
22	12	1.003 2538	526		0.024 4409	7 8656		0.010 6063	3 4114	
23	0	1.003 3064	$\overline{211}$	+ 89	0.016 5753	7 8669	+4484	0.007 1949	3 4123	+1950
23	12	−1.003 2853			+0.008 7084			+0.003 7826		

Welt-Zeit		Mittleres Äquinoktium 1927.0 X		Red. auf 1925.0	Y		Red. auf 1925.0	Z		Red. auf 1925.0
1927	h									
Sept. 23	12	−1.003 2853			+0.008 7084			+0.003 7826		
24	0	1.003 1903	950	+ 6	+0.000 8407	7 8677	+4483	+0.000 3701	3 4125	+1950
24	12	1.003 0215	1688		−0.007 0272	7 8679		−0.003 0424	3 4125	
25	0	1.002 7788	2427	− 78	0.014 8946	7 8674	4481	0.006 4548	3 4124	1949
25	12	1.002 4622	3166		0.022 7611	7 8665		0.009 8669	3 4121	
26	0	1.002 0716	3906	161	0.030 6258	7 8647	4478	0.013 2782	3 4113	1948
26	12	−1.001 6071	4645		−0.038 4883	7 8625		−0.016 6886	3 4104	
27	0	1.001 0687	5384	− 245	0.046 3479	7 8596	+4474	0.020 0978	3 4092	+1946
27	12	1.000 4564	6123		0.054 2040	7 8561		0.023 5055	3 4077	
28	0	0.999 7702	6862	329	0.062 0558	7 8518	4468	0.026 9114	3 4059	1943
28	12	0.999 0102	7600		0.069 9031	7 8473		0.030 3154	3 4040	
29	0	0.998 1764	8338	412	0.077 7450	7 8419	4461	0.033 7170	3 4016	1940
29	12	−0.997 2689	9075		−0.085 5810	7 8360		−0.037 1161	3 3991	
30	0	0.996 2877	9812	− 495	0.093 4104	7 8294	+4453	0.040 5123	3 3962	+1936
30	12	0.995 2329	1 0548		0.101 2327	7 8223		0.043 9055	3 3932	
Okt. 1	0	0.994 1045	1 1284	578	0.109 0472	7 8145	4443	0.047 2953	3 3898	1932
1	12	0.992 9028	1 2017		0.116 8533	7 8061		0.050 6815	3 3862	
2	0	0.991 6275	1 2753	661	0.124 6505	7 7972	4432	0.054 0639	3 3824	1927
2	12	−0.990 2791	1 3484		−0.132 4383	7 7878		−0.057 4422	3 3783	
3	0	0.988 8576	1 4215	− 744	0.140 2159	7 7776	+4420	0.060 8160	3 3738	+1922
3	12	0.987 3630	1 4946		0.147 9828	7 7669		0.064 1852	3 3692	
4	0	0.985 7953	1 5677	826	0.155 7383	7 7555	4406	0.067 5495	3 3643	1916
4	12	0.984 1549	1 6404		0.163 4820	7 7437		0.070 9086	3 3591	
5	0	0.982 4419	1 7130	908	0.171 2133	7 7313	4391	0.074 2623	3 3537	1910
5	12	−0.980 6564	1 7855		−0.178 9316	7 7183		−0.077 6103	3 3480	
6	0	0.978 7984	1 8580	− 990	0.186 6362	7 7046	+4375	0.080 9525	3 3422	+1903
6	12	0.976 8682	1 9302		0.194 3268	7 6906		0.084 2885	3 3360	
7	0	0.974 8660	2 0022	1072	0.202 0027	7 6759	4357	0.087 6180	3 3295	1895
7	12	0.972 7918	2 0742		0.209 6633	7 6606		0.090 9410	3 3230	
8	0	0.970 6459	2 1459	1153	0.217 3082	7 6449	4338	0.094 2570	3 3160	1887
8	12	−0.968 4284	2 2175		−0.224 9369	7 6287		−0.097 5660	3 3090	
9	0	0.966 1395	2 2889	−1234	0.232 5487	7 6118	+4318	0.100 8676	3 3016	+1878
9	12	0.963 7793	2 3602		0.240 1432	7 5945		0.104 1617	3 2941	
10	0	0.961 3480	2 4313	1315	0.247 7198	7 5766	4297	0.107 4480	3 2863	1869
10	12	0.958 8458	2 5022		0.255 2782	7 5584		0.110 7263	3 2783	
11	0	0.956 2727	2 5731	1395	0.262 8175	7 5393	4274	0.113 9963	3 2700	1859
11	12	−0.953 6289	2 6438		−0.270 3375	7 5200		−0.117 2579	3 2616	
12	0	0.950 9146	2 7143	−1475	0.277 8375	7 5000	+4250	0.120 5107	3 2528	+1848
12	12	0.948 1301	2 7845		0.285 3172	7 4797		0.123 7548	3 2441	
13	0	0.945 2752	2 8549	1554	0.292 7759	7 4587	4225	0.126 9896	3 2348	1837
13	12	0.942 3502	2 9250		0.300 2131	7 4372		0.130 2152	3 2256	
14	0	−0.939 3553	2 9949	−1633	−0.307 6281	7 4150	+4199	−0.133 4311	3 2159	+1825

Welt-Zeit		X (Mittleres Äquinoktium 1927.0)		Red. auf 1925.0	Y		Red. auf 1925.0	Z		Red. auf 1925.0
1927	h									
Okt. 14	0	−0.939 3553	3 0648	−1633	−0.307 6281	7 3926	+4199	−0.133 4311	3 2062	+1825
14	12	0.936 2905	3 1345		0.315 0207	7 3695		0.136 6373	3 1961	
15	0	0.933 1560	3 2039	1712	0.322 3902	7 3460	4171	0.139 8334	3 1859	1813
15	12	0.929 9521	3 2733		0.329 7362	7 3216		0.143 0193	3 1754	
16	0	0.926 6788	3 3425	1790	0.337 0578	7 2969	4142	0.146 1947	3 1647	1801
16	12	0.923 3363	3 4117		0.344 3547	7 2715		0.149 3594	3 1537	
17	0	−0.919 9246	3 4805	−1867	−0.351 6262	7 2457	+4112	−0.152 5131	3 1424	+1788
17	12	0.916 4441	3 5492		0.358 8719	7 2191		0.155 6555	3 1310	
18	0	0.912 8949	3 6176	1944	0.366 0910	7 1921	4081	0.158 7865	3 1193	1775
18	12	0.909 2773	3 6859		0.373 2831	7 1644		0.161 9058	3 1073	
19	0	0.905 5914	3 7539	2020	0.380 4475	7 1363	4048	0.165 0131	3 0951	1761
19	12	0.901 8375	3 8219		0.387 5838	7 1073		0.168 1082	3 0827	
20	0	−0.898 0156	3 8893	−2096	−0.394 6911	7 0781	+4014	−0.171 1909	3 0699	+1746
20	12	0.894 1263	3 9568		0.401 7692	7 0481		0.174 2608	3 0570	
21	0	0.890 1695	4 0239	2171	0.408 8173	7 0176	3979	0.177 3178	3 0437	1731
21	12	0.886 1456	4 0908		0.415 8349	6 9864		0.180 3615	3 0303	
22	0	0.882 0548	4 1573	2245	0.422 8213	6 9548	3943	0.183 3918	3 0167	1715
22	12	0.877 8975	4 2236		0.429 7761	6 9225		0.186 4085	3 0026	
23	0	−0.873 6739	4 2895	−2319	−0.436 6986	6 8897	+3906	−0.189 4111	2 9885	+1699
23	12	0.869 3844	4 3554		0.443 5883	6 8563		0.192 3996	2 9740	
24	0	0.865 0290	4 4206	2392	0.450 4446	6 8224	3867	0.195 3736	2 9594	1682
24	12	0.860 6084	4 4858		0.457 2670	6 7878		0.198 3330	2 9443	
25	0	0.856 1226	4 5504	2464	0.464 0548	6 7529	3827	0.201 2773	2 9293	1664
25	12	0.851 5722	4 6150		0.470 8077	6 7171		0.204 2066	2 9137	
26	0	−0.846 9572	4 6789	−2535	−0.477 5248	6 6811	+3786	−0.207 1203	2 8982	+1646
26	12	0.842 2783	4 7427		0.484 2059	6 6443		0.210 0185	2 8822	
27	0	0.837 5356	4 8060	2606	0.490 8502	6 6071	3744	0.212 9007	2 8661	1628
27	12	0.832 7296	4 8691		0.497 4573	6 5693		0.215 7668	2 8497	
28	0	0.827 8605	4 9317	2676	0.504 0266	6 5310	3701	0.218 6165	2 8332	1609
28	12	0.822 9288	4 9939		0.510 5576	6 4922		0.221 4497	2 8162	
29	0	−0.817 9349	5 0558	−2745	−0.517 0498	6 4528	+3657	−0.224 2659	2 7992	+1590
29	12	0.812 8791	5 1174		0.523 5026	6 4129		0.227 0651	2 7820	
30	0	0.807 7617	5 1783	2813	0.529 9155	6 3726	3612	0.229 8471	2 7644	1570
30	12	0.802 5834	5 2390		0.536 2881	6 3316		0.232 6115	2 7467	
31	0	0.797 3444	5 2992	2881	0.542 6197	6 2904	3565	0.235 3582	2 7287	1550
31	12	0.792 0452	5 3592		0.548 9101	6 2483		0.238 0869	2 7105	
Nov. 1	0	−0.786 6860	5 4184	−2948	−0.555 1584	6 2061	+3517	−0.240 7974	2 6922	+1529
1	12	0.781 2676	5 4774		0.561 3645	6 1632		0.243 4896	2 6735	
2	0	0.775 7902	5 5360	3014	0.567 5277	6 1200	3469	0.246 1631	2 6548	1508
2	12	0.770 2542	5 5941		0.573 6477	6 0762		0.248 8179	2 6357	
3	0	0.764 6601	5 6517	−3078	0.579 7239	6 0320	+3419	0.251 4536	2 6165	+1486
3	12	−0.759 0084			−0.585 7559			−0.254 0701		

Welt-Zeit		Mittleres Äquinoktium 1927.0								
		X		Red. auf 1925.0	*Y*		Red. auf 1925.0	*Z*		Red. auf 1925.0
1927										
Nov. 3	12h	−0.759 0084	5 7090		−0.585 7559	5 9873		−0.254 0701	2 5970	
4	0	0.753 2994	5 7657	−3142	0.591 7432	5 9423	+3368	0.256 6671	2 5776	+1464
4	12	0.747 5337	5 8220		0.597 6855	5 8968		0.259 2447	2 5577	
5	0	0.741 7117	5 8779	3205	0.603 5823	5 8509	3316	0.261 8024	2 5379	1442
5	12	0.735 8338	5 9334		0.609 4332	5 8045		0.264 3403	2 5176	
6	0	0.729 9004	5 9883	3267	0.615 2377	5 7577	3263	0.266 8579	2 4974	1419
6	12	−0.723 9121	6 0428		−0.620 9954	5 7106		−0.269 3553	2 4768	
7	0	0.717 8693	6 0970	−3328	0.626 7060	5 6631	+3209	0.271 8321	2 4562	+1396
7	12	0.711 7723	6 1507		0.632 3691	5 6151		0.274 2883	2 4352	
8	0	0.705 6216	6 2041	3388	0.637 9842	5 5668	3154	0.276 7235	2 4144	1372
8	12	0.699 4175	6 2567		0.643 5510	5 5181		0.279 1379	2 3932	
9	0	0.693 1608	6 3093	3447	0.649 0691	5 4689	3098	0.281 5311	2 3719	1348
9	12	−0.686 8515	6 3612		−0.654 5380	5 4195		−0.283 9030	2 3503	
10	0	0.680 4903	6 4128	−3505	0.659 9575	5 3695	+3042	0.286 2533	2 3287	+1323
10	12	0.674 0775	6 4639		0.665 3270	5 3192		0.288 5820	2 3069	
11	0	0.667 6136	6 5147	3562	0.670 6462	5 2684	2984	0.290 8889	2 2848	1298
11	12	0.661 0989	6 5650		0.675 9146	5 2173		0.293 1737	2 2626	
12	0	0.654 5339	6 6150	3618	0.681 1319	5 1657	2925	0.295 4363	2 2402	1273
12	12	−0.647 9189	6 6644		−0.686 2976	5 1136		−0.297 6765	2 2178	
13	0	0.641 2545	6 7135	−3673	0.691 4112	5 0614	+2866	0.299 8943	2 1950	+1247
13	12	0.634 5410	6 7620		0.696 4726	5 0085		0.302 0893	2 1721	
14	0	0.627 7790	6 8102	3726	0.701 4811	4 9554	2806	0.304 2614	2 1490	1221
14	12	0.620 9688	6 8579		0.706 4365	4 9016		0.306 4104	2 1258	
15	0	0.614 1109	6 9050	3778	0.711 3381	4 8476	2745	0.308 5362	2 1024	1194
15	12	−0.607 2059	6 9517		−0.716 1857	4 7931		−0.310 6386	2 0787	
16	0	0.600 2542	6 9980	−3829	0.720 9788	4 7381	+2683	0.312 7173	2 0551	+1167
16	12	0.593 2562	7 0436		0.725 7169	4 6828		0.314 7724	2 0310	
17	0	0.586 2126	7 0889	3879	0.730 3997	4 6270	2620	0.316 8034	2 0069	1140
17	12	0.579 1237	7 1336		0.735 0267	4 5708		0.318 8103	1 9824	
18	0	0.571 9901	7 1778	3928	0.739 5975	4 5143	2557	0.320 7927	1 9581	1112
18	12	−0.564 8123	7 2215		−0.744 1118	4 4572		−0.322 7508	1 9333	
19	0	0.557 5908	7 2646	−3976	0.748 5690	4 4000	+2493	0.324 6841	1 9085	+1084
19	12	0.550 3262	7 3072		0.752 9690	4 3420		0.326 5926	1 8835	
20	0	0.543 0190	7 3491	4023	0.757 3110	4 2840	2428	0.328 4761	1 8584	1056
20	12	0.535 6699	7 3905		0.761 5950	4 2255		0.330 3345	1 8329	
21	0	0.528 2794	7 4315	4068	0.765 8205	4 1667	2362	0.332 1674	1 8074	1027
21	12	−0.520 8479	7 4717		−0.769 9872	4 1073		−0.333 9748	1 7818	
22	0	0.513 3762	7 5115	−4112	0.774 0945	4 0477	+2295	0.335 7566	1 7559	+ 998
22	12	0.505 8647	7 5507		0.778 1422	3 9877		0.337 5125	1 7299	
23	0	0.498 3140	7 5892	4155	0.782 1299	3 9273	2228	0.339 2424	1 7038	969
23	12	0.490 7248	7 6271		0.786 0572	3 8667		0.340 9462	1 6775	
24	0	−0.483 0977		−4196	−0.789 9239		+2160	−0.342 6237		+ 939

Welt-Zeit		Mittleres Äquinoktium 1927.0 X		Red. auf 1925.0	Y		Red. auf 1925.0	Z		Red. auf 1925.0
1927	h									
Nov. 24	0	−0.483 0977	7 6645	−4196	−0.789 9239	3 8058	+2160	−0.342 6237	1 6511	+939
24	12	0.475 4332	7 7012		0.793 7297	3 7443		0.344 2748	1 6244	
25	0	0.467 7320	7 7374	4236	0.797 4740	3 6827	2091	0.345 8992	1 5978	909
25	12	0.459 9946	7 7728		0.801 1567	3 6207		0.347 4970	1 5708	
26	0	0.452 2218	7 8077	4275	0.804 7774	3 5585	2022	0.349 0678	1 5437	879
26	12	0.444 4141	7 8419		0.808 3359	3 4958		0.350 6115	1 5166	
27	0	−0.436 5722	7 8756	−4313	−0.811 8317	3 4330	+1952	−0.352 1281	1 4895	+849
27	12	0.428 6966	7 9084		0.815 2647	3 3699		0.353 6176	1 4619	
28	0	0.420 7882	7 9408	4349	0.818 6346	3 3064	1881	0.355 0795	1 4345	818
28	12	0.412 8474	7 9725		0.821 9410	3 2427		0.356 5140	1 4068	
29	0	0.404 8749	8 0036	4384	0.825 1837	3 1788	1810	0.357 9208	1 3792	787
29	12	0.396 8713	8 0337		0.828 3625	3 1146		0.359 3000	1 3511	
30	0	−0.388 8376	8 0636	−4417	−0.831 4771	3 0504	+1738	−0.360 6511	1 3233	+756
30	12	0.380 7740	8 0926		0.834 5275	2 9856		0.361 9744	1 2952	
Dez. 1	0	0.372 6814	8 1211	4449	0.837 5131	2 9208	1666	0.363 2696	1 2671	725
1	12	0.364 5603	8 1488		0.840 4339	2 8558		0.364 5367	1 2387	
2	0	0.356 4115	8 1759	4480	0.843 2897	2 7905	1593	0.365 7754	1 2104	693
2	12	0.348 2356	8 2024		0.846 0802	2 7251		0.366 9858	1 1820	
3	0	−0.340 0332	8 2283	−4509	−0.848 8053	2 6595	+1520	−0.368 1678	1 1536	+661
3	12	0.331 8049	8 2534		0.851 4648	2 5937		0.369 3214	1 1249	
4	0	0.323 5515	8 2780	4537	0.854 0585	2 5279	1446	0.370 4463	1 0963	629
4	12	0.315 2735	8 3019		0.856 5864	2 4616		0.371 5426	1 0676	
5	0	0.306 9716	8 3252	4563	0.859 0480	2 3954	1372	0.372 6102	1 0388	597
5	12	0.298 6464	8 3479		0.861 4434	2 3291		0.373 6490	1 0100	
6	0	−0.290 2985	8 3701	−4588	−0.863 7725	2 2625	+1298	−0.374 6590	9810	+565
6	12	0.281 9284	8 3914		0.866 0350	2 1957		0.375 6400	9521	
7	0	0.273 5370	8 4123	4612	0.868 2307	2 1289	1223	0.376 5921	9230	532
7	12	0.265 1247	8 4327		0.870 3596	2 0619		0.377 5151	8940	
8	0	0.256 6920	8 4523	4634	0.872 4215	1 9947	1148	0.378 4091	8649	499
8	12	0.248 2397	8 4712		0.874 4162	1 9274		0.379 2740	8356	
9	0	−0.239 7685	8 4898	−4655	−0.876 3436	1 8601	+1072	−0.380 1096	8064	+466
9	12	0.231 2787	8 5078		0.878 2037	1 7923		0.380 9160	7770	
10	0	0.222 7709	8 5250	4674	0.879 9960	1 7247	996	0.381 6930	7478	433
10	12	0.214 2459	8 5416		0.881 7207	1 6567		0.382 4408	7183	
11	0	0.205 7043	8 5577	4692	0.883 3774	1 5886	920	0.383 1591	6888	400
11	12	0.197 1466	8 5732		0.884 9660	1 5203		0.383 8479	6591	
12	0	−0.188 5734	8 5881	−4708	−0.886 4863	1 4519	+ 843	−0.384 5070	6296	+367
12	12	0.179 9853	8 6022		0.887 9382	1 3834		0.385 1366	5998	
13	0	0.171 3831	8 6159	4723	0.889 3216	1 3147	766	0.385 7364	5701	334
13	12	0.162 7672	8 6288		0.890 6363	1 2458		0.386 3065	5402	
14	0	0.154 1384	8 6411	−4737	0.891 8821	1 1768	+ 689	0.386 8467	5104	+301
14	12	−0.145 4973			−0.893 0589			−0.387 3571		

Welt-Zeit		Mittleres Äquinoktium 1927.0								
		X		Red. auf 1925.0	*Y*		Red. auf 1925.0	*Z*		Red. auf 1925.0
1927										
Dez. 14	12ʰ	−0.145 4973	8 6528		−0.893 0589	1 1076		−0.387 3571	4803	
15	0	0.136 8445	8 6637	−4749	0.894 1665	1 0385	+612	0.387 8374	4504	+267
15	12	0.128 1808	8 6740		0.895 2050	9690		0.388 2878	4203	
16	0	0.119 5068	8 6837	4760	0.896 1740	8995	535	0.388 7081	3902	233
16	12	0.110 8231	8 6927		0.897 0735	8297		0.389 0983	3600	
17	0	0.102 1304	8 7010	4769	0.897 9032	7601	458	0.389 4583	3298	200
17	12	−0.093 4294	8 7086		−0.898 6633	6902		−0.389 7881	2995	
18	0	0.084 7208	8 7156	−4777	0.899 3535	6202	+380	0.390 0876	2692	+166
18	12	0.076 0052	8 7217		0.899 9737	5502		0.390 3568	2388	
19	0	0.067 2835	8 7273	4784	0.900 5239	4800	302	0.390 5956	2085	132
19	12	0.058 5562	8 7322		0.901 0039	4099		0.390 8041	1781	
20	0	0.049 8240	8 7364	4789	0.901 4138	3397	224	0.390 9822	1476	98
20	12	−0.041 0876	8 7398		−0.901 7535	2692		−0.391 1298	1171	
21	0	0.032 3478	8 7425	−4792	0.902 0227	1990	+146	0.391 2469	866	+ 64
21	12	0.023 6053	8 7445		0.902 2217	1285		0.391 3335	561	
22	0	0.014 8608	8 7459	4794	0.902 3502	581	+ 68	0.391 3896	255	+ 30
22	12	−0.006 1149	8 7465		0.902 4083	124		0.391 4151	50	
23	0	+0.002 6316	8 7464	4794	0.902 3959	829	− 10	0.391 4101	355	− 4
23	12	+0.011 3780	8 7455		−0.902 3130	1534		−0.391 3746	662	
24	0	0.020 1235	8 7440	−4793	0.902 1596	2238	− 89	0.391 3084	967	− 39
24	12	0.028 8675	8 7417		0.901 9358	2944		0.391 2117	1274	
25	0	0.037 6092	8 7387	4790	0.901 6414	3649	167	0.391 0843	1580	73
25	12	0.046 3479	8 7349		0.901 2765	4353		0.390 9263	1885	
26	0	0.055 0828	8 7306	4786	0.900 8412	5056	245	0.390 7378	2190	107
26	12	+0.063 8134	8 7253		−0.900 3356	5760		−0.390 5188	2496	
27	0	0.072 5387	8 7194	−4780	0.899 7596	6462	−323	0.390 2692	2801	−141
27	12	0.081 2581	8 7128		0.899 1134	7164		0.389 9891	3106	
28	0	0.089 9709	8 7055	4773	0.898 3970	7865	401	0.389 6785	3410	175
28	12	0.098 6764	8 6974		0.897 6105	8566		0.389 3375	3715	
29	0	0.107 3738	8 6887	4764	0.896 7539	9265	479	0.388 9660	4018	208
29	12	+0.116 0625	8 6793		−0.895 8274	9964		−0.388 5642	4320	
30	0	0.124 7418	8 6691	−4754	0.894 8310	1 0659	−557	0.388 1322	4624	−242
30	12	0.133 4109	8 6584		0.893 7651	1 1356		0.387 6698	4925	
31	0	0.142 0693	8 6469	4742	0.892 6295	1 2050	634	0.387 1773	5228	276
31	12	0.150 7162	8 6347		0.891 4245	1 2743		0.386 6545	5528	
32	0	+0.159 3509		−4729	−0.890 1502		−711	−0.386 1017		−309

Frühlingsäquinoktium	21. März	14ʰ	59ᵐ	Herbstäquinoktium	24. Sept.	1ʰ	17ᵐ
Sommersolstitium	22. Juni	10	22	Wintersolstitium	22. Dez.	20	18

Perigäum 3. Jan. 2ʰ
Apogäum 3. Juli 19

Tag	0h Welt-Zeit Aberration	Parallaxe	Mittlere Länge $L_{\odot}$	Mittlere Anomalie $M_{\odot}$
1927				
Jan. −6	20.81″	8.95″	272.7583°	351.07°
+4	20.82	8.95	282.6148	0.93
14	20.81	8.95	292.4713	10.79
24	20.80	8.94	302.3277	20.64
Febr. 3	20.77	8.93	312.1842	30.50
13	20.73	8.91	322.0407	40.35
23	20.69	8.89	331.8972	50.21
März 5	20.64	8.87	341.7536	60.07
15	20.58	8.85	351.6101	69.92
25	20.53	8.82	1.4666	79.78
April 4	20.47	8.79	11.3231	89.63
14	20.41	8.77	21.1795	99.49
24	20.35	8.75	31.0360	109.35
Mai 4	20.30	8.73	40.8925	119.20
14	20.25	8.71	50.7489	129.06
24	20.21	8.69	60.6054	138.91
Juni 3	20.18	8.68	70.4619	148.77
13	20.16	8.66	80.3184	158.63
23	20.14	8.66	90.1748	168.48
Juli 3	20.13	8.65	100.0313	178.34
13	20.14	8.66	109.8878	188.19
23	20.15	8.66	119.7443	198.05
Aug. 2	20.17	8.67	129.6007	207.91
12	20.20	8.68	139.4572	217.76
22	20.24	8.70	149.3137	227.62
Sept. 1	20.28	8.72	159.1702	237.47
11	20.33	8.74	169.0266	247.33
21	20.39	8.76	178.8831	257.19
Okt. 1	20.45	8.79	188.7396	267.04
11	20.51	8.82	198.5960	276.90
21	20.56	8.84	208.4525	286.75
31	20.62	8.86	218.3090	296.61
Nov. 10	20.67	8.89	228.1655	306.47
20	20.72	8.91	238.0219	316.32
30	20.76	8.92	247.8784	326.18
Dez. 10	20.79	8.94	257.7349	336.03
20	20.81	8.94	267.5914	345.89
30	20.82	8.95	277.4478	355.75
40	20.82	8.95	287.3043	5.60

Phasen des Mondes

1927		Welt-Zeit		1927		Welt-Zeit	
Jan.	3	20h 27m.9	Neumond	Juli	7	0h 52m.5	Erstes Viertel
	10	14 43.3	Erstes Viertel		14	19 22.5	Vollmond
	17	22 26.8	Vollmond		21	14 43.4	Letztes Viertel
	26	2 5.0	Letztes Viertel		28	17 36.4	Neumond
Febr.	2	8 54.2	Neumond	Aug.	5	18 5.0	Erstes Viertel
	8	23 53.7	Erstes Viertel		13	4 37.3	Vollmond
	16	16 18.1	Vollmond		19	19 54.5	Letztes Viertel
	24	20 42.4	Letztes Viertel		27	6 45.5	Neumond
März	3	19 24.7	Neumond	Sept.	4	10 44.5	Erstes Viertel
	10	11 2.8	Erstes Viertel		11	12 53.9	Vollmond
	18	10 24.2	Vollmond		18	3 29.6	Letztes Viertel
	26	11 35.2	Letztes Viertel		25	22 10.8	Neumond
April	2	4 24.2	Neumond	Okt.	4	2 1.6	Erstes Viertel
	9	0 20.7	Erstes Viertel		10	21 14.7	Vollmond
	17	3 35.4	Vollmond		17	14 31.6	Letztes Viertel
	24	22 20.9	Letztes Viertel		25	15 37.4	Neumond
Mai	1	12 39.7	Neumond	Nov.	2	15 15.8	Erstes Viertel
	8	15 27.1	Erstes Viertel		9	6 36.1	Vollmond
	16	19 2.8	Vollmond		16	5 28.2	Letztes Viertel
	24	5 33.8	Letztes Viertel		24	10 9.2	Neumond
	30	21 5.9	Neumond	Dez.	2	2 14.9	Erstes Viertel
Juni	7	7 48.7	Erstes Viertel		8	17 32.0	Vollmond
	15	8 19.3	Vollmond		16	0 3.6	Letztes Viertel
	22	10 29.4	Letztes Viertel		24	4 13.3	Neumond
	29	6 32.0	Neumond		31	11 22.1	Erstes Viertel

Mond im Perigäum

1927		Welt-Zeit
Jan.	7	3h.1
Febr.	4	0.1
März	4	10.2
April	1	21.8
April	30	7.0
Mai	28	8.4
Juni	24	9.8
Juli	19	12.4
Aug.	15	15.7
Sept.	12	17.7
Okt.	11	3.4
Nov.	8	15.3
Dez.	7	1.0

Mond im Apogäum

1927		Welt-Zeit
Jan.	23	3h.3
Febr.	19	18.1
März	18	22.3
April	15	0.9
Mai	12	12.7
Juni	9	5.5
Juli	6	23.9
Aug.	3	18.3
Aug.	31	11.2
Sept.	27	23.1
Okt.	25	1.8
Nov.	21	6.9
Dez.	18	22.4

Tag		0h Welt-Zeit									
		Scheinbare Rektaszension		Scheinbare Deklination		Parallaxe		Halbmesser		Länge	Breite
1927		h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°
Jan.	0	15 18 28	51 19	−14 19.8	3 44.6	56 3.0	44.4	15 17.8	12.1	231.013	+3.820
	1	16 9 47	54 51	−18 4.4	2 56.1	56 47.4	45.9	15 29.9	12.5	243.877	+2.910
	2	17 4 38	58 12	−21 0.5	1 50.0	57 33.3	43.6	15 42.4	11.9	257.090	+1.822
	3	18 2 50	60 39	−22 50.5	0 29.1	58 16.9	37.8	15 54.3	10.3	270.655	+0.605
	4	19 3 29	61 34	−23 19.6	1 0.0	58 54.7	28.8	16 4.6	7.9	284.545	−0.677
	5	20 5 3	60 49	−22 19.6	2 27.4	59 23.5	18.0	16 12.5	4.9	298.708	−1.941
	6	21 5 52	58 51	−19 52.2	3 43.1	59 41.5	6.8	16 17.4	1.8	313.065	−3.099
	7	22 4 43	56 21	−16 9.1	4 40.7	59 48.3	3.7	16 19.2	1.0	327.529	−4.068
	8	23 1 4	54 4	−11 28.4	5 17.6	59 44.6	12.2	16 18.2	3.3	342.007	−4.778
	9	23 55 8	52 27	− 6 10.8	5 34.3	59 32.4	18.5	16 14.9	5.1	356.419	−5.184
	10	0 47 35	51 42	− 0 36.5	5 32.1	59 13.9	22.6	16 9.8	6.1	10.699	−5.265
	11	1 39 17	51 51	+ 4 55.6	5 13.0	58 51.3	25.2	16 3.7	6.9	24.803	−5.027
	12	2 31 8	52 43	+10 8.6	4 38.1	58 26.1	26.7	15 56.8	7.3	38.704	−4.498
	13	3 23 51	54 3	+14 46.7	3 48.7	57 59.4	27.7	15 49.5	7.5	52.392	−3.719
	14	4 17 54	55 21	+18 35.4	2 46.8	57 31.7	28.4	15 42.0	7.8	65.864	−2.745
	15	5 13 15	56 10	+21 22.2	1 35.8	57 3.3	29.0	15 34.2	7.9	79.121	−1.638
	16	6 9 25	56 5	+22 58.0	0 20.9	56 34.3	29.2	15 26.3	7.9	92.167	−0.463
	17	7 5 30	54 57	+23 18.9	0 52.3	56 5.1	28.6	15 18.4	7.8	105.006	+0.715
	18	8 0 27	52 57	+22 26.6	1 58.2	55 36.5	27.0	15 10.6	7.4	117.642	+1.839
	19	8 53 24	50 28	+20 28.4	2 53.1	55 9.5	24.0	15 3.2	6.5	130.082	+2.855
	20	9 43 52	47 59	+17 35.3	3 35.9	54 45.5	19.5	14 56.7	5.3	142.339	+3.723
	21	10 31 51	45 50	+13 59.4	4 7.0	54 26.0	13.3	14 51.4	3.6	154.437	+4.410
	22	11 17 41	44 19	+ 9 52.4	4 27.4	54 12.7	5.5	14 47.8	1.5	166.408	+4.896
	23	12 2 0	43 31	+ 5 25.0	4 38.5	54 7.2	3.4	14 46.3	0.9	178.296	+5.167
	24	12 45 31	43 35	+ 0 46.5	4 41.2	54 10.6	13.3	14 47.2	3.6	190.157	+5.217
	25	13 29 6	44 31	− 3 54.7	4 35.4	54 23.9	23.6	14 50.8	6.4	202.057	+5.043
	26	14 13 37	46 23	− 8 30.1	4 20.4	54 47.5	33.7	14 57.2	9.2	214.071	+4.648
	27	15 0 0	49 4	−12 50.5	3 54.0	55 21.2	42.7	15 6.4	11.7	226.278	+4.038
	28	15 49 4	52 26	−16 44.5	3 13.6	56 3.9	49.9	15 18.1	13.6	238.759	+3.226
	29	16 41 30	56 5	−19 58.1	2 17.2	56 53.8	54.0	15 31.7	14.7	251.585	+2.233
	30	17 37 35	59 23	−22 15.3	1 4.0	57 47.8	53.8	15 46.4	14.6	264.814	+1.093
	31	18 36 58	61 35	−23 19.3	0 22.5	58 41.6	48.9	16 1.0	13.4	278.481	−0.145
Febr.	1	19 38 33	62 9	−22 56.8	1 54.2	59 30.5	39.1	16 14.4	10.6	292.581	−1.410
	2	20 40 42	61 9	−21 2.6	3 20.5	60 9.6	25.1	16 25.0	6.9	307.067	−2.616
	3	21 41 51	59 4	−17 42.1	4 31.0	60 34.7	8.9	16 31.9	2.4	321.847	−3.671
	4	22 40 55	56 42	−13 11.1	5 19.3	60 43.6	7.5	16 34.3	2.1	336.789	−4.486
	5	23 37 37	54 41	− 7 51.8	5 43.7	60 36.1	21.7	16 32.2	5.9	351.744	−4.995
	6	0 32 18	53 21	− 2 8.1	5 45.2	60 14.4	32.2	16 26.3	8.8	6.569	−5.165
	7	1 25 39	52 52	+ 3 37.1	5 26.6	59 42.2	38.7	16 17.5	10.5	21.146	−4.996
	8	2 18 31	53 6	+ 9 3.7	4 51.0	59 3.5	41.4	16 7.0	11.3	35.400	−4.520
	9	3 11 37	53 53	+13 54.7	4 1.3	58 22.1	41.2	15 55.7	11.2	49.298	−3.787
	10	4 5 30		+17 56.0		57 40.9		15 44.5		62.846	−2.857

Tag	Obere Kulmination in Greenwich							0h Länge, + 50° Breite			
	AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1927	h m s	s	° '	'	'	h m	m	h m	m	h m	m
Jan. 0	15 37 22	132	−15 48.8	− 9.9	56.3	9 1.2	2.02	4 7	2.9	13 47	1.1
1	16 31 54	141	−19 23.6	− 7.9	57.1	9 51.7	2.18	5 19	3.0	14 18	1.5
2	17 30 22	151	−21 59.0	− 5.0	57.9	10 46.1	2.34	6 30	2.9	14 58	1.9
3	18 32 16	158	−23 15.6	− 1.3	58.6	11 43.9	2.46	7 38	2.7	15 49	2.4
4	19 36 8	161	−22 59.0	+ 2.7	59.2	12 43.6	2.50	8 38	2.3	16 52	2.9
5	20 40 1	158	−21 5.4	+ 6.7	59.6	13 43.4	2.46	9 27	1.8	18 6	3.2
6	21 42 10	152	−17 43.6	+10.0	59.8	14 41.5	2.37	10 6	1.5	19 26	3.4
7	22 41 39	145	−13 11.7	+12.5	59.8	15 36.8	2.25	10 37	1.2	20 47	3.4
8	23 38 26	139	− 7 52.8	+13.9	59.6	16 29.5	2.14	11 3	1.0	22 8	3.4
9	0 33 8	135	− 2 9.9	+14.5	59.3	17 20.2	2.08	11 26	0.9	23 28	3.3
10	1 26 44	133	+ 3 36.0	+14.2	59.0	18 9.7	2.05	11 48	0.9	—	—
11	2 20 15	134	+ 9 5.6	+13.1	58.5	18 59.1	2.07	12 10	1.0	0 46	3.2
12	3 14 36	137	+14 1.4	+11.4	58.1	19 49.4	2.12	12 34	1.1	2 4	3.2
13	4 10 21	141	+18 7.2	+ 9.0	57.6	20 41.1	2.19	13 1	1.2	3 20	3.1
14	5 7 36	145	+21 8.4	+ 6.0	57.1	21 34.2	2.24	13 33	1.5	4 35	3.0
15	6 5 50	146	+22 54.2	+ 2.7	56.6	22 28.4	2.26	14 13	1.9	5 45	2.8
16	7 4 3	145	+23 19.3	− 0.6	56.1	23 22.5	2.24	15 2	2.2	6 48	2.4
17	—	—	—	—	—	—	—	15 58	2.5	7 42	2.0
18	8 1 2	140	+22 25.6	− 3.8	55.6	0 15.4	2.16	17 1	2.7	8 26	1.6
19	8 55 46	133	+20 21.6	− 6.5	55.1	1 6.0	2.05	18 6	2.7	9 1	1.3
20	9 47 45	126	+17 19.6	− 8.6	54.7	1 53.9	1.94	19 13	2.8	9 29	1.1
21	10 37 1	120	+13 33.4	−10.2	54.4	2 39.1	1.83	20 19	2.7	9 52	0.9
22	11 23 59	115	+ 9 15.9	−11.2	54.2	3 22.0	1.75	21 25	2.7	10 12	0.8
23	12 9 23	112	+ 4 38.5	−11.8	54.1	4 3.4	1.70	22 29	2.7	10 30	0.7
24	12 54 5	112	− 0 9.0	−12.1	54.2	4 44.0	1.70	23 34	2.7	10 47	0.7
25	13 39 2	114	− 4 57.6	−11.9	54.5	5 24.9	1.72	—	—	11 5	0.8
26	14 25 14	118	− 9 38.4	−11.4	54.9	6 7.1	1.80	0 40	2.8	11 24	0.9
27	15 13 42	125	−14 0.6	−10.4	55.5	6 51.5	1.91	1 47	2.9	11 46	1.0
28	16 5 24	134	−17 51.3	− 8.7	56.3	7 39.1	2.06	2 57	2.9	12 14	1.3
29	17 0 58	144	−20 54.1	− 6.4	57.2	8 30.6	2.23	4 7	2.9	12 48	1.6
30	18 0 35	154	−22 50.1	− 3.2	58.2	9 26.1	2.39	5 17	2.8	13 33	2.1
31	19 3 30	160	−23 20.7	+ 0.7	59.1	10 24.9	2.50	6 20	2.5	14 30	2.6
Febr. 1	20 8 10	162	−22 13.8	+ 4.9	59.8	11 25.5	2.53	7 15	2.1	15 40	3.1
2	21 12 35	159	−19 28.7	+ 8.8	60.4	12 25.8	2.48	8 0	1.7	17 0	3.4
3	22 15 8	153	−15 18.1	+11.9	60.7	13 24.2	2.38	8 36	1.4	18 24	3.5
4	23 15 3	147	−10 4.7	+14.0	60.7	14 20.1	2.27	9 5	1.1	19 48	3.5
5	0 12 30	141	− 4 15.1	+14.9	60.4	15 13.4	2.18	9 30	1.0	21 12	3.4
6	1 8 9	138	+ 1 44.3	+14.8	59.9	16 5.0	2.12	9 52	0.9	22 33	3.4
7	2 2 56	137	+ 7 30.4	+13.9	59.3	16 55.7	2.11	10 14	1.0	23 53	3.3
8	2 57 47	138	+12 43.5	+12.1	58.5	17 46.5	2.13	10 38	1.0	—	—
9	3 53 22	140	+17 7.0	+ 9.7	57.8	18 38.0	2.17	11 4	1.2	1 11	3.2
10	4 49 58	143	+20 27.4	+ 6.9	57.1	19 30.5	2.21	11 34	1.4	2 26	3.1

Tag	Scheinbare Rektaszension	Diff.	Scheinbare Deklination	Diff.	Parallaxe	Diff.	Halbmesser	Diff.	Länge	Breite
	0h Welt-Zeit									
1927	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°
Febr. 10	4 5 30	54 47	+17 56.0	3 0.0	57 40.9	39.0	15 44.5	10.6	62.846	−2.857
11	5 0 17	55 26	+20 56.0	1 50.9	57 1.9	35.7	15 33.9	9.8	76.071	−1.795
12	5 55 43	55 26	+22 46.9	0 37.6	56 26.2	32.1	15 24.1	8.7	89.013	−0.664
13	6 51 9	54 33	+23 24.5	0 34.7	55 54.1	28.3	15 15.4	7.7	101.718	+0.479
14	7 45 42	52 55	+22 49.8	1 41.4	55 25.8	24.7	15 7.7	6.8	114.226	+1.578
15	8 38 37	50 45	+21 8.4	2 39.1	55 1.1	21.1	15 0.9	5.7	126.571	+2.586
16	9 29 22	48 27	+18 29.3	3 25.6	54 40.0	17.2	14 55.2	4.7	138.780	+3.460
17	10 17 49	46 20	+15 3.7	4 0.5	54 22.8	12.9	14 50.5	3.5	150.873	+4.168
18	11 4 9	44 42	+11 3.2	4 24.3	54 9.9	7.7	14 47.0	2.1	162.870	+4.684
19	11 48 51	43 40	+ 6 38.9	4 37.9	54 2.2	1.7	14 44.9	0.5	174.793	+4.990
20	12 32 31	43 23	+ 2 1.0	4 42.1	54 0.5	5.5	14 44.4	1.5	186.667	+5.079
21	13 15 54	43 52	− 2 41.1	4 37.5	54 6.0	13.6	14 45.9	3.7	198.529	+4.949
22	13 59 46	45 10	− 7 18.6	4 23.7	54 19.6	22.5	14 49.6	6.2	210.426	+4.604
23	14 44 56	47 15	−11 42.3	3 59.8	54 42.1	32.0	14 55.8	8.7	222.416	+4.055
24	15 32 11	50 4	−15 42.1	3 24.3	55 14.1	41.2	15 4.5	11.2	234.571	+3.316
25	16 22 15	53 20	−19 6.4	2 35.2	55 55.3	49.4	15 15.7	13.5	246.968	+2.408
26	17 15 35	56 38	−21 41.6	1 31.1	56 44.7	55.6	15 29.2	15.1	259.688	+1.358
27	18 12 13	59 24	−23 12.7	0 13.1	57 40.3	58.3	15 44.3	15.9	272.808	+0.207
28	19 11 37	61 2	−23 25.8	1 14.7	58 38.6	56.5	16 0.2	15.4	286.388	−0.994
März 1	20 12 39	61 16	−22 11.1	2 44.0	59 35.1	49.1	16 15.6	13.4	300.458	−2.176
2	21 13 55	60 15	−19 27.1	4 5.0	60 24.2	35.9	16 29.0	9.8	315.001	−3.254
3	22 14 10	58 35	−15 22.1	5 8.3	61 0.1	18.3	16 38.8	4.9	329.941	−4.139
4	23 12 45	56 52	−10 13.8	5 47.9	61 18.4	1.5	16 43.7	0.4	345.145	−4.748
5	0 9 37	55 33	− 4 25.9	6 1.5	61 16.9	20.6	16 43.3	5.6	0.437	−5.021
6	1 5 10	54 55	+ 1 35.6	5 50.2	60 56.3	36.3	16 37.7	9.9	15.625	−4.938
7	2 0 5	54 54	+ 7 25.8	5 16.9	60 20.0	47.1	16 27.8	12.8	30.542	−4.519
8	2 54 59	55 21	+12 42.7	4 26.1	59 32.9	52.4	16 15.0	14.3	45.068	−3.814
9	3 50 20	55 55	+17 8.8	3 22.0	58 40.5	53.0	16 0.7	14.4	59.143	−2.896
10	4 46 15	56 13	+20 30.8	2 9.7	57 47.5	50.1	15 46.3	13.7	72.761	−1.838
11	5 42 28	55 56	+22 40.5	0 54.0	56 57.4	44.9	15 32.6	12.2	85.958	−0.713
12	6 38 24	54 50	+23 34.5	0 20.0	56 12.5	38.3	15 20.4	10.5	98.791	+0.419
13	7 33 14	53 6	+23 14.5	1 28.2	55 34.2	31.5	15 9.9	8.5	111.329	+1.503
14	8 26 20	50 53	+21 46.3	2 27.5	55 2.7	24.8	15 1.4	6.8	123.641	+2.494
15	9 17 13	48 36	+19 18.8	3 16.3	54 37.9	18.6	14 54.6	5.0	135.787	+3.357
16	10 5 49	46 31	+16 2.5	3 54.0	54 19.3	12.8	14 49.6	3.5	147.818	+4.058
17	10 52 20	44 52	+12 8.5	4 21.1	54 6.5	7.4	14 46.1	2.0	159.771	+4.575
18	11 37 12	43 48	+ 7 47.4	4 37.8	53 59.1	2.3	14 44.1	0.7	171.678	+4.888
19	12 21 0	43 23	+ 3 9.6	4 44.8	53 56.8	3.1	14 43.4	0.9	183.560	+4.987
20	13 4 23	43 41	− 1 35.2	4 42.2	53 59.9	8.7	14 44.3	2.3	195.440	+4.870
21	13 48 4	44 42	− 6 17.4	4 30.2	54 8.6	14.8	14 46.6	4.1	207.340	+4.539
22	14 32 46	46 25	−10 47.6	4 7.7	54 23.4	21.8	14 50.7	5.9	219.291	+4.008
23	15 19 11		−14 55.3		54 45.2		14 56.6		231.333	+3.292

Tag	Obere Kulmination in Greenwich							0h Länge, +50° Breite			
	AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1927	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Febr. 10	4 49 58	143	+20 27.4	+ 6.9	57.1	19 30.5	2.21	11 34	1.4	2 26	3.1
11	5 47 23	144	+22 34.9	+ 3.7	56.5	20 23.8	2.23	12 12	1.7	3 38	2.8
12	6 44 54	143	+23 24.0	+ 0.4	56.0	21 17.2	2.21	12 57	2.0	4 42	2.5
13	7 41 35	140	+22 55.0	− 2.8	55.5	22 9.8	2.16	13 50	2.4	5 38	2.1
14	8 36 29	134	+21 13.8	− 5.6	55.0	23 0.6	2.07	14 50	2.6	6 24	1.7
15	9 28 59	128	+18 30.7	− 7.9	54.7	23 49.1	1.96	15 55	2.7	7 2	1.4
16	—	—	—	—	—	—	—	17 1	2.8	7 31	1.1
17	10 18 57	122	+14 58.2	− 9.7	54.4	0 35.0	1.86	18 8	2.7	7 56	0.9
18	11 6 37	117	+10 49.3	−11.0	54.2	1 18.6	1.78	19 13	2.7	8 16	0.8
19	11 52 31	113	+ 6 16.1	−11.7	54.0	2 0.4	1.72	20 18	2.7	8 35	0.7
20	12 37 22	111	+ 1 29.5	−12.1	54.0	2 41.2	1.69	21 22	2.7	8 52	0.7
21	13 22 0	112	− 3 20.4	−12.0	54.1	3 21.8	1.70	22 28	2.7	9 10	0.7
22	14 7 16	115	− 8 4.3	−11.6	54.4	4 3.0	1.74	23 34	2.8	9 28	0.8
23	14 54 7	120	−12 32.1	−10.7	54.8	4 45.8	1.83	—	—	9 48	0.9
24	15 43 26	127	−16 32.7	− 9.3	55.4	5 31.0	1.95	0 41	2.8	10 12	1.1
25	16 35 59	136	−19 52.7	− 7.3	56.1	6 19.6	2.10	1 50	2.9	10 42	1.4
26	17 32 14	145	−22 16.3	− 4.6	57.0	7 11.7	2.25	2 58	2.8	11 21	1.9
27	18 32 4	154	−23 26.5	− 1.2	58.0	8 7.4	2.39	4 3	2.6	12 11	2.3
28	19 34 39	159	−23 8.1	+ 2.8	59.0	9 5.9	2.47	5 1	2.2	13 13	2.9
März 1	20 38 28	160	−21 12.7	+ 6.8	59.9	10 5.6	2.49	5 50	1.8	14 28	3.3
2	21 41 55	157	−17 43.1	+10.5	60.7	11 5.0	2.45	6 29	1.5	15 50	3.5
3	22 43 48	152	−12 53.9	+13.4	61.2	12 2.7	2.37	7 2	1.2	17 16	3.6
4	23 43 41	147	− 7 9.0	+15.1	61.3	12 58.5	2.28	7 28	1.1	18 42	3.6
5	0 41 51	144	− 0 56.9	+15.7	61.1	13 52.6	2.23	7 53	1.0	20 8	3.5
6	1 38 59	142	+ 5 13.8	+15.0	60.6	14 45.6	2.20	8 16	1.0	21 32	3.5
7	2 35 50	142	+10 57.3	+13.4	59.8	15 38.4	2.20	8 39	1.0	22 54	3.4
8	3 33 2	144	+15 52.3	+11.0	59.0	16 31.5	2.22	9 5	1.1	—	—
9	4 30 53	145	+19 42.4	+ 8.1	58.0	17 25.3	2.26	9 34	1.4	0 13	3.2
10	5 29 11	146	+22 16.6	+ 4.8	57.1	18 19.5	2.26	10 10	1.6	1 29	3.0
11	6 27 20	144	+23 29.8	+ 1.3	56.3	19 13.5	2.23	10 53	2.0	2 37	2.6
12	7 24 27	141	+23 22.6	− 1.9	55.7	20 6.6	2.18	11 44	2.3	3 36	2.2
13	8 19 44	135	+22 0.9	− 4.8	55.1	20 57.8	2.08	12 43	2.5	4 25	1.8
14	9 12 36	129	+19 34.7	− 7.3	54.7	21 46.6	1.98	13 46	2.7	5 4	1.5
15	10 2 56	123	+16 15.6	− 9.2	54.3	22 32.8	1.88	14 52	2.7	5 36	1.2
16	10 50 58	118	+12 15.9	−10.7	54.1	23 16.8	1.79	15 58	2.7	6 1	1.0
17	11 37 10	114	+ 7 47.6	−11.6	54.0	23 58.9	1.72	17 4	2.7	6 22	0.8
18	—	—	—	—	—	—	—	18 9	2.7	6 41	0.7
19	12 22 12	112	+ 3 1.8	−12.1	53.9	0 39.9	1.70	19 14	2.7	6 58	0.7
20	13 6 49	112	− 1 51.1	−12.2	54.0	1 20.5	1.69	20 19	2.7	7 15	0.7
21	13 51 47	114	− 6 40.8	−11.9	54.2	2 1.4	1.73	21 25	2.8	7 33	0.8
22	14 37 56	118	−11 17.0	−11.1	54.4	2 43.5	1.78	22 32	2.8	7 52	0.9
23	15 26 3	123	−15 28.5	− 9.8	54.8	3 27.5	1.89	23 40	2.8	8 14	1.0

Tag	Scheinbare Rektaszension h m s	Diff. m s	Scheinbare Deklination ° ′	Diff. ° ′	Parallaxe ′ ″	Diff. ″	Halbmesser ′ ″	Diff. ″	Länge °	Breite °
1927 März 23	15 19 11	48 44	−14 55.3	3 34.2	54 45.2	29.1	14 56.6	7.9	231.333	+3.292
24	16 7 55	51 31	−18 29.5	2 48.4	55 14.3	36.8	15 4.5	10.1	243.518	+2.418
25	16 59 26	54 23	−21 17.9	1 49.6	55 51.1	44.2	15 14.6	12.0	255.909	+1.413
26	17 53 49	56 57	−23 7.5	0 38.5	56 35.3	50.6	15 26.6	13.8	268.578	+0.316
27	18 50 46	58 43	−23 46.0	0 42.3	57 25.9	54.8	15 40.4	14.9	281.600	−0.827
28	19 49 29	59 26	−23 3.7	2 7.4	58 20.7	55.6	15 55.3	15.2	295.040	−1.962
29	20 48 55	59 9	−20 56.3	3 29.5	59 16.3	51.5	16 10.5	14.0	308.947	−3.018
30	21 48 4	58 10	−17 26.8	4 40.7	60 7.8	42.1	16 24.5	11.5	323.332	−3.921
31	22 46 14	57 4	−12 46.1	5 33.7	60 49.9	27.2	16 36.0	7.4	338.151	−4.589
April 1	23 43 18	56 13	− 7 12.4	6 3.6	61 17.1	8.3	16 43.4	2.3	353.302	−4.953
2	0 39 31	55 55	− 1 8.8	6 7.7	61 25.4	12.0	16 45.7	3.3	8.625	−4.969
3	1 35 26	56 14	+ 4 58.9	5 45.8	61 13.4	30.8	16 42.4	8.4	23.927	−4.629
4	2 31 40	56 56	+10 44.7	5 0.7	60 42.6	45.4	16 34.0	12.4	39.018	−3.969
5	3 28 36	57 44	+15 45.4	3 56.9	59 57.2	54.6	16 21.6	14.8	53.747	−3.055
6	4 26 20	58 9	+19 42.3	2 41.0	59 2.6	57.9	16 6.8	15.8	68.017	−1.973
7	5 24 29	57 48	+22 23.3	1 19.5	58 4.7	56.5	15 51.0	15.4	81.795	−0.809
8	6 22 17	56 31	+23 42.8	0 0.3	57 8.2	51.5	15 35.6	14.1	95.100	+0.364
9	7 18 48	54 25	+23 42.5	1 13.4	56 16.7	44.2	15 21.5	12.0	107.983	+1.481
10	8 13 13	51 50	+22 29.1	2 16.3	55 32.5	35.6	15 9.5	9.7	120.517	+2.496
11	9 5 3	49 14	+20 12.8	3 7.6	54 56.9	26.8	14 59.8	7.3	132.782	+3.373
12	9 54 17	46 52	+17 5.2	3 47.7	54 30.1	18.2	14 52.5	5.0	144.854	+4.083
13	10 41 9	45 2	+13 17.5	4 17.1	54 11.9	10.5	14 47.5	2.8	156.802	+4.606
14	11 26 11	43 51	+ 9 0.4	4 36.6	54 1.4	3.4	14 44.7	0.9	168.684	+4.925
15	12 10 2	43 21	+ 4 23.8	4 46.7	53 58.0	2.8	14 43.8	0.7	180.547	+5.030
16	12 53 23	43 34	− 0 22.9	4 47.3	54 0.8	8.2	14 44.5	2.3	192.426	+4.918
17	13 36 57	44 32	− 5 10.2	4 38.0	54 9.0	13.2	14 46.8	3.5	204.349	+4.591
18	14 21 29	46 8	− 9 48.2	4 18.1	54 22.2	17.9	14 50.3	4.9	216.337	+4.059
19	15 7 37	48 19	−14 6.3	3 46.5	54 40.1	22.5	14 55.2	6.2	228.414	+3.339
20	15 55 56	50 52	−17 52.8	3 2.4	55 2.6	27.4	15 1.4	7.4	240.604	+2.459
21	16 46 48	53 29	−20 55.2	2 5.8	55 30.0	32.3	15 8.8	8.8	252.940	+1.450
22	17 40 17	55 44	−23 1.0	0 57.4	56 2.3	37.4	15 17.6	10.2	265.463	+0.355
23	18 36 1	57 15	−23 58.4	0 19.7	56 39.7	41.9	15 27.8	11.4	278.222	−0.781
24	19 33 16	57 48	−23 38.7	1 40.6	57 21.6	45.3	15 39.2	12.4	291.271	−1.903
25	20 31 4	57 28	−21 58.1	2 59.6	58 6.9	46.6	15 51.6	12.7	304.662	−2.951
26	21 28 32	56 34	−18 58.5	4 10.6	58 53.5	44.8	16 4.3	12.2	318.438	−3.860
27	22 25 6	55 35	−14 47.9	5 8.2	59 38.3	38.8	16 16.5	10.5	332.615	−4.562
28	23 20 41	54 56	− 9 39.7	5 47.9	60 17.1	28.3	16 27.0	7.7	347.173	−4.991
29	0 15 37	54 54	− 3 51.8	6 5.8	60 45.4	13.6	16 34.7	3.8	2.044	−5.098
30	1 10 31	55 33	+ 2 14.0	5 59.6	60 59.0	3.7	16 38.5	1.0	17.109	−4.857
Mai 1	2 6 4	56 48	+ 8 13.6	5 28.5	60 55.3	21.5	16 37.5	5.9	32.214	−4.278
2	3 2 52	58 17	+13 42.1	4 34.2	60 33.8	36.9	16 31.6	10.1	47.193	−3.409
3	4 1 9		+18 16.3		59 56.9		16 21.5		61.896	−2.324

0h Welt-Zeit; differences (Diff.) printed between consecutive days are given on the row of the earlier day.

Tag	Obere Kulmination in Greenwich: AR.	Änderung für 1ʰ westl. Länge	Dekl.	Änderung für 1ʰ westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1ʰ westl. Länge	0ʰ Länge, +50° Breite: Aufgang	Änderung für 1ʰ westl. Länge	Untergang	Änderung für 1ʰ westl. Länge
1927	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
März 23	15 26 3	123	−15 28.5	− 9.8	54.8	3 27.5	1.89	23 40	2.8	8 14	1.0
24	16 16 48	131	−19 2.9	− 8.0	55.3	4 14.2	2.01	—	—	8 42	1.3
25	17 10 41	139	−21 46.3	− 5.5	56.0	5 4.0	2.14	0 47	2.7	9 16	1.6
26	18 7 43	146	−23 24.1	− 2.5	56.8	5 57.0	2.27	1 52	2.6	10 0	2.1
27	19 7 27	152	−23 42.4	+ 1.0	57.7	6 52.6	2.36	2 51	2.3	10 55	2.5
28	20 8 51	155	−22 31.5	+ 4.9	58.6	7 49.9	2.41	3 42	1.9	12 2	3.0
29	21 10 40	154	−19 48.6	+ 8.6	59.6	8 47.6	2.40	4 24	1.6	13 19	3.3
30	22 11 49	151	−15 40.5	+11.9	60.4	9 44.7	2.35	4 58	1.3	14 42	3.5
31	23 11 45	148	−10 23.0	+14.4	61.1	10 40.5	2.30	5 27	1.1	16 7	3.6
April 1	0 10 31	146	− 4 19.0	+15.8	61.4	11 35.2	2.26	5 52	1.0	17 34	3.6
2	1 8 36	145	+ 2 3.6	+15.9	61.4	12 29.2	2.25	6 15	1.0	19 0	3.6
3	2 6 44	146	+ 8 16.0	+14.9	61.0	13 23.2	2.26	6 38	1.0	20 25	3.5
4	3 5 29	148	+13 50.6	+12.8	60.3	14 17.9	2.30	7 3	1.1	21 50	3.5
5	4 5 9	150	+18 24.0	+ 9.9	59.4	15 13.5	2.33	7 31	1.3	23 11	3.2
6	5 5 30	151	+21 39.5	+ 6.4	58.4	16 9.7	2.35	8 5	1.6	—	—
7	6 5 45	150	+23 28.3	+ 2.7	57.4	17 5.9	2.32	8 46	1.9	0 25	2.9
8	7 4 52	146	+23 49.7	− 0.9	56.5	18 0.9	2.26	9 36	2.2	1 30	2.5
9	8 1 51	139	+22 50.3	− 4.0	55.7	18 53.8	2.15	10 34	2.5	2 24	2.0
10	8 56 2	132	+20 41.2	− 6.7	55.0	19 43.9	2.02	11 36	2.7	3 7	1.6
11	9 47 17	125	+17 35.2	− 8.8	54.6	20 31.1	1.91	12 42	2.8	3 40	1.2
12	10 35 54	119	+13 45.2	−10.3	54.2	21 15.6	1.81	13 49	2.8	4 7	1.0
13	11 22 26	114	+ 9 23.1	−11.4	54.0	21 58.1	1.74	14 55	2.7	4 29	0.9
14	12 7 35	112	+ 4 39.7	−12.1	54.0	22 39.2	1.70	16 0	2.7	4 48	0.8
15	12 52 10	111	− 0 14.8	−12.4	54.0	23 19.7	1.69	17 5	2.7	5 6	0.7
16	—	—	—	—	—	—	—	18 10	2.7	5 22	0.7
17	13 36 58	113	− 5 10.3	−12.2	54.2	0 0.5	1.72	19 17	2.8	5 39	0.7
18	14 22 49	117	− 9 56.1	−11.6	54.4	0 42.3	1.77	20 24	2.8	5 58	0.8
19	15 10 26	122	−14 20.8	−10.4	54.7	1 25.8	1.86	21 32	2.8	6 19	1.0
20	16 0 29	129	−18 11.5	− 8.7	55.1	2 11.8	1.97	22 40	2.8	6 44	1.2
21	16 53 22	136	−21 14.4	− 6.4	55.6	3 0.6	2.10	23 46	2.6	7 16	1.5
22	17 49 8	143	−23 15.1	− 3.5	56.1	3 52.3	2.21	—	—	7 56	1.9
23	18 47 18	148	−24 0.8	− 0.2	56.8	4 46.4	2.29	0 46	2.4	8 46	2.3
24	19 46 59	150	−23 22.2	+ 3.4	57.5	5 41.9	2.33	1 39	2.0	9 48	2.8
25	20 47 1	150	−21 16.2	+ 7.0	58.3	6 37.9	2.33	2 23	1.6	10 59	3.1
26	21 46 27	147	−17 46.8	+10.3	59.1	7 33.2	2.28	2 58	1.4	12 17	3.3
27	22 44 48	144	−13 5.0	+13.0	59.9	8 27.5	2.24	3 28	1.1	13 39	3.4
28	23 42 8	142	− 7 27.8	+14.9	60.5	9 20.7	2.20	3 53	1.0	15 2	3.5
29	0 38 58	142	− 1 16.8	+15.8	60.9	10 13.5	2.20	4 15	0.9	16 27	3.5
30	1 36 6	144	+ 5 2.7	+15.6	61.0	11 6.5	2.23	4 37	1.0	17 52	3.6
Mai 1	2 34 19	147	+11 3.4	+14.3	60.8	12 0.6	2.29	5 1	1.0	19 18	3.5
2	3 34 6	152	+16 18.0	+11.8	60.3	12 56.3	2.35	5 27	1.2	20 42	3.4
3	4 35 27	155	+20 22.5	+ 8.5	59.5	13 53.6	2.41	5 58	1.5	22 3	3.2

Tag		0h Welt-Zeit									
		Scheinbare Rektaszension		Scheinbare Deklination		Parallaxe		Halbmesser		Länge	Breite
1927		h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°
Mai	3	4 1 9	59 27	+18 16.3	3 21.1	59 56.9	48.4	16 21.5	13.2	61.896	−2.324
	4	5 0 36	59 45	+21 37.4	1 56.9	59 8.5	54.7	16 8.3	14.8	76.212	−1.117
	5	6 0 21	58 51	+23 34.3	0 30.2	58 13.8	55.9	15 53.5	15.3	90.081	+0.122
	6	6 59 12	56 46	+24 4.5	0 50.7	57 17.9	52.7	15 38.2	14.3	103.491	+1.317
	7	7 55 58	53 54	+23 13.8	2 0.7	56 25.2	46.3	15 23.9	12.7	116.473	+2.407
	8	8 49 52	50 47	+21 13.1	2 57.2	55 38.9	37.8	15 11.2	10.3	129.083	+3.348
	9	9 40 39	47 57	+18 15.9	3 40.8	55 1.1	28.3	15 0.9	7.7	141.394	+4.110
	10	10 28 36	45 39	+14 35.1	4 12.5	54 32.8	18.4	14 53.2	5.0	153.483	+4.674
	11	11 14 15	44 6	+10 22.6	4 34.2	54 14.4	8.9	14 48.2	2.4	165.430	+5.027
	12	11 58 21	43 20	+ 5 48.4	4 46.5	54 5.5	0.3	14 45.8	0.1	177.305	+5.162
	13	12 41 41	43 23	+ 1 1.9	4 50.1	54 5.2	7.4	14 45.7	2.0	189.171	+5.076
	14	13 25 4	44 15	− 3 48.2	4 44.3	54 12.6	13.8	14 47.7	3.8	201.081	+4.770
	15	14 9 19	45 49	− 8 32.5	4 28.1	54 26.4	18.9	14 51.5	5.2	213.077	+4.253
	16	14 55 8	48 4	−13 0.6	4 0.1	54 45.3	23.0	14 56.7	6.2	225.190	+3.540
	17	15 43 12	50 41	−17 0.7	3 18.8	55 8.3	25.9	15 2.9	7.1	237.447	+2.654
	18	16 33 53	53 25	−20 19.5	2 24.0	55 34.2	28.3	15 10.0	7.7	249.865	+1.630
	19	17 27 18	55 43	−22 43.5	1 16.4	56 2.5	30.1	15 17.7	8.2	262.463	+0.510
	20	18 23 1	57 13	−23 59.9	0 0.4	56 32.6	31.6	15 25.9	8.6	275.257	−0.654
	21	19 20 14	57 35	−23 59.5	1 21.1	57 4.2	32.8	15 34.5	8.9	288.270	−1.806
	22	20 17 49	56 57	−22 38.4	2 39.3	57 37.0	33.5	15 43.4	9.2	301.522	−2.884
	23	21 14 46	55 42	−19 59.1	3 49.4	58 10.5	33.3	15 52.6	9.0	315.035	−3.824
	24	22 10 28	54 20	−16 9.7	4 46.8	58 43.8	31.4	16 1.6	8.6	328.823	−4.564
	25	23 4 48	53 20	−11 22.9	5 28.5	59 15.2	27.2	16 10.2	7.4	342.889	−5.048
	26	23 58 8	53 1	− 5 54.4	5 52.4	59 42.4	20.2	16 17.6	5.5	357.214	−5.231
	27	0 51 9	53 34	− 0 2.0	5 56.0	60 2.6	10.3	16 23.1	2.8	11.750	−5.085
	28	1 44 43	54 54	+ 5 54.0	5 37.9	60 12.9	2.0	16 25.9	0.5	26.420	−4.607
	29	2 39 37	56 48	+11 31.9	4 57.0	60 10.9	15.4	16 25.4	4.2	41.124	−3.826
	30	3 36 25	58 45	+16 28.9	3 54.9	59 55.5	28.3	16 21.2	7.7	55.745	−2.799
	31	4 35 10	60 5	+20 23.8	2 35.9	59 27.2	39.0	16 13.5	10.7	70.171	−1.603
Juni	1	5 35 15	60 14	+22 59.7	1 8.2	58 48.2	46.1	16 2.8	12.5	84.308	−0.331
	2	6 35 29	58 51	+24 7.9	0 19.0	58 2.1	49.2	15 50.3	13.4	98.089	+0.932
	3	7 34 20	56 15	+23 48.9	1 37.3	57 12.9	48.2	15 36.9	13.2	111.486	+2.108
	4	8 30 35	53 0	+22 11.6	2 41.8	56 24.7	43.7	15 23.7	11.9	124.500	+3.142
	5	9 23 35	49 44	+19 29.8	3 31.1	55 41.0	36.5	15 11.8	9.9	137.163	+3.992
	6	10 13 19	46 53	+15 58.7	4 6.9	55 4.5	27.5	15 1.9	7.5	149.529	+4.635
	7	11 0 12	44 49	+11 51.8	4 30.9	54 37.0	17.6	14 54.4	4.8	161.662	+5.057
	8	11 45 1	43 34	+ 7 20.9	4 45.1	54 19.4	7.3	14 49.6	2.0	173.638	+5.254
	9	12 28 35	43 15	+ 2 35.8	4 50.6	54 12.1	2.6	14 47.6	0.7	185.532	+5.223
	10	13 11 50	43 47	− 2 14.8	4 47.5	54 14.7	11.7	14 48.3	3.2	197.418	+4.970
	11	13 55 37	45 12	− 7 2.3	4 35.1	54 26.4	19.5	14 51.5	5.3	209.365	+4.500
	12	14 40 49	47 24	−11 37.4	4 11.6	54 45.9	25.6	14 56.8	7.0	221.432	+3.828
	13	15 28 13		−15 49.0		55 11.5		15 3.8		233.669	+2.973

Tag	Obere Kulmination in Greenwich: AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	0h Länge, +50° Breite: Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1927	h m s	s	° '	'	'	h m	m	h m	m	h m	m
Mai 3	4 35 27	155	+20 22.5	+ 8.5	59.5	13 53.6	2.41	5 58	1.5	22 3	3.2
4	5 37 38	155	+23 0.0	+ 4.6	58.6	14 51.7	2.42	6 37	1.8	23 15	2.8
5	6 39 20	152	+24 3.7	+ 0.7	57.6	15 49.3	2.37	7 24	2.1	—	—
6	7 39 6	146	+23 37.1	— 2.9	56.7	16 44.9	2.26	8 20	2.5	0 16	2.3
7	8 35 51	138	+21 51.2	— 5.9	55.8	17 37.6	2.13	9 22	2.7	1 5	1.8
8	9 29 10	129	+19 1.2	— 8.2	55.1	18 26.9	1.98	10 29	2.8	1 42	1.4
9	10 19 15	122	+15 22.0	—10.0	54.6	19 12.8	1.86	11 37	2.8	2 12	1.1
10	11 6 39	116	+11 7.1	—11.2	54.3	19 56.2	1.76	12 44	2.7	2 36	0.9
11	11 52 13	112	+ 6 27.9	—12.0	54.1	20 37.7	1.71	13 49	2.7	2 55	0.8
12	12 36 50	111	+ 1 34.4	—12.4	54.1	21 18.3	1.68	14 55	2.7	3 13	0.7
13	13 21 24	112	— 3 23.9	—12.4	54.2	21 58.8	1.70	16 0	2.7	3 30	0.7
14	14 6 49	115	— 8 17.1	—12.0	54.4	22 40.1	1.75	17 6	2.8	3 46	0.7
15	14 53 57	121	—12 54.1	—11.0	54.7	23 23.2	1.84	18 13	2.8	4 4	0.8
16	—	—	—	—	—	—	—	19 22	2.9	4 24	0.9
17	15 43 30	127	—17 2.0	— 9.5	55.1	0 8.7	1.95	20 31	2.9	4 47	1.1
18	16 35 57	135	—20 26.4	— 7.4	55.6	0 57.1	2.08	21 39	2.7	5 17	1.4
19	17 31 25	142	—22 51.7	— 4.6	56.1	1 48.5	2.20	22 42	2.5	5 54	1.7
20	18 29 25	147	—24 3.8	— 1.3	56.6	2 42.4	2.29	23 38	2.1	6 41	2.2
21	19 28 57	150	—23 52.4	+ 2.3	57.2	3 37.8	2.32	—	—	7 40	2.6
22	20 28 43	149	—22 14.0	+ 5.9	57.7	4 33.5	2.30	0 24	1.7	8 48	3.0
23	21 27 36	145	—19 12.6	+ 9.2	58.3	5 28.3	2.25	1 1	1.4	10 3	3.2
24	22 24 59	141	—14 58.7	+11.9	58.9	6 21.6	2.19	1 32	1.2	11 22	3.3
25	23 20 56	138	— 9 47.7	+13.9	59.4	7 13.4	2.14	1 57	1.0	12 42	3.4
26	0 15 57	137	— 3 57.6	+15.1	59.8	8 4.4	2.11	2 19	0.9	14 4	3.4
27	1 10 57	138	+ 2 11.0	+15.4	60.1	8 55.3	2.13	2 40	0.9	15 26	3.4
28	2 6 54	142	+ 8 15.2	+14.7	60.2	9 47.1	2.20	3 2	1.0	16 49	3.5
29	3 4 39	147	+13 50.4	+13.0	60.1	10 40.8	2.28	3 26	1.1	18 13	3.5
30	4 4 37	153	+18 31.5	+10.3	59.7	11 36.7	2.37	3 54	1.3	19 35	3.3
31	5 6 33	156	+21 56.1	+ 6.7	59.1	12 34.5	2.44	4 28	1.6	20 53	3.0
Juni 1	6 9 21	157	+23 49.2	+ 2.7	58.4	13 33.2	2.45	5 11	2.0	22 1	2.6
2	7 11 20	153	+24 6.4	— 1.2	57.5	14 31.1	2.37	6 3	2.4	22 56	2.1
3	8 10 53	145	+22 54.4	— 4.7	56.7	15 26.5	2.25	7 5	2.7	23 40	1.6
4	9 6 58	136	+20 27.8	— 7.4	55.9	16 18.5	2.09	8 11	2.8	—	—
5	9 59 22	127	+17 3.5	— 9.5	55.2	17 6.9	1.94	9 20	2.9	0 13	1.2
6	10 48 27	119	+12 57.6	—10.9	54.7	17 51.9	1.82	10 29	2.8	0 40	1.0
7	11 35 1	114	+ 8 23.8	—11.8	54.4	18 34.4	1.73	11 36	2.8	1 1	0.8
8	12 20 2	111	+ 3 32.9	—12.3	54.2	19 15.4	1.69	12 42	2.7	1 19	0.7
9	13 4 29	111	— 1 25.5	—12.5	54.2	19 55.8	1.68	13 47	2.7	1 36	0.7
10	13 49 22	114	— 6 22.2	—12.2	54.4	20 36.6	1.73	14 52	2.7	1 52	0.7
11	14 35 40	118	—11 7.6	—11.5	54.7	21 18.8	1.80	15 59	2.8	2 9	0.7
12	15 24 16	125	—15 29.8	—10.3	55.2	22 3.4	1.91	17 7	2.9	2 28	0.9
13	16 15 53	133	—19 14.9	— 8.4	55.7	22 50.9	2.05	18 17	2.9	2 50	1.0

Mond 1927

Tag	Scheinbare Rektaszension	Diff.	Scheinbare Deklination	Diff.	Parallaxe	Diff.	Halbmesser	Diff.	Länge	Breite
	0h Welt-Zeit									
1927	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°
Juni 13	15 28 13	50 9	−15 49.0	3 35.2	55 11.5	29.9	15 3.8	8.1	233.669	+2.973
14	16 18 22	53 10	−19 24.2	2 44.2	55 41.4	32.2	15 11.9	8.8	246.112	+1.962
15	17 11 32	55 55	−22 8.4	1 39.0	56 13.6	32.7	15 20.7	8.9	258.787	+0.837
16	18 7 27	57 51	−23 47.4	0 21.9	56 46.3	31.6	15 29.6	8.6	271.705	−0.352
17	19 5 18	58 32	−24 9.3	1 1.1	57 17.9	29.4	15 38.2	8.0	284.868	−1.545
18	20 3 50	57 55	−23 8.2	2 22.7	57 47.3	26.2	15 46.2	7.2	298.265	−2.675
19	21 1 45	56 23	−20 45.5	3 35.6	58 13.5	22.8	15 53.4	6.2	311.881	−3.672
20	21 58 8	54 32	−17 9.9	4 34.7	58 36.3	19.2	15 59.6	5.2	325.693	−4.471
21	22 52 40	52 57	−12 35.2	5 17.3	58 55.5	15.3	16 4.8	4.2	339.676	−5.017
22	23 45 37	52 3	− 7 17.9	5 42.3	59 10.8	10.8	16 9.0	2.9	353.797	−5.267
23	0 37 40	52 2	− 1 35.6	5 48.8	59 21.6	5.7	16 11.9	1.6	8.023	−5.199
24	1 29 42	52 56	+ 4 13.2	5 36.6	59 27.3	0.7	16 13.5	0.2	22.311	−4.811
25	2 22 38	54 36	+ 9 49.8	5 4.6	59 26.6	8.0	16 13.3	2.2	36.614	−4.125
26	3 17 14	56 43	+14 54.4	4 12.9	59 18.6	16.2	16 11.1	4.4	50.876	−3.186
27	4 13 57	58 39	+19 7.3	3 3.5	59 2.4	24.3	16 6.7	6.6	65.037	−2.058
28	5 12 36	59 43	+22 10.8	1 41.3	58 38.1	31.7	16 0.1	8.7	79.036	−0.818
29	6 12 19	59 26	+23 52.1	0 14.2	58 6.4	37.2	15 51.4	10.1	92.817	+0.450
30	7 11 45	57 40	+24 6.3	1 8.8	57 29.2	40.2	15 41.3	10.9	106.335	+1.669
Juli 1	8 9 25	54 48	+22 57.5	2 20.5	56 49.0	40.2	15 30.4	11.0	119.559	+2.770
2	9 4 13	51 32	+20 37.0	3 17.4	56 8.8	37.3	15 19.4	10.2	132.479	+3.702
3	9 55 45	48 26	+17 19.6	3 58.8	55 31.5	31.9	15 9.2	8.7	145.104	+4.430
4	10 44 11	45 53	+13 20.8	4 26.7	54 59.6	24.3	15 0.5	6.6	157.465	+4.935
5	11 30 4	44 9	+ 8 54.1	4 43.2	54 35.3	15.2	14 53.9	4.1	169.609	+5.208
6	12 14 13	43 19	+ 4 10.9	4 50.4	54 20.1	5.1	14 49.8	1.4	181.596	+5.250
7	12 57 32	43 24	− 0 39.5	4 49.0	54 15.0	5.2	14 48.4	1.4	193.496	+5.066
8	13 40 56	44 24	− 5 28.5	4 39.0	54 20.2	15.3	14 49.8	4.2	205.386	+4.665
9	14 25 20	46 17	−10 7.5	4 19.3	54 35.5	24.5	14 54.0	6.6	217.342	+4.061
10	15 11 37	48 55	−14 26.8	3 48.2	55 0.0	32.1	15 0.6	8.8	229.441	+3.271
11	16 0 32	52 4	−18 15.0	3 3.2	55 32.1	37.6	15 9.4	10.2	241.751	+2.317
12	16 52 36	55 16	−21 18.2	2 3.3	56 9.7	40.6	15 19.6	11.1	254.329	+1.233
13	17 47 52	57 55	−23 21.5	0 49.1	56 50.3	40.5	15 30.7	11.0	267.216	+0.061
14	18 45 47	59 23	−24 10.6	0 35.0	57 30.8	37.6	15 41.7	10.3	280.431	−1.141
15	19 45 10	59 25	−23 35.6	2 1.2	58 8.4	32.0	15 52.0	8.7	293.971	−2.308
16	20 44 35	58 10	−21 34.4	3 21.0	58 40.4	24.5	16 0.7	6.7	307.803	−3.363
17	21 42 45	56 11	−18 13.4	4 26.9	59 4.9	16.1	16 7.4	4.3	321.876	−4.233
18	22 38 56	54 12	−13 46.5	5 14.2	59 21.0	7.7	16 11.7	2.2	336.119	−4.852
19	23 33 8	52 42	− 8 32.3	5 41.9	59 28.7	0.1	16 13.9	0.0	350.452	−5.174
20	0 25 50	52 2	− 2 50.4	5 49.8	59 28.8	6.3	16 13.9	1.7	4.802	−5.173
21	1 17 52	52 17	+ 2 59.4	5 38.6	59 22.5	11.6	16 12.2	3.2	19.102	−4.852
22	2 10 9	53 23	+ 8 38.0	5 9.3	59 10.9	16.0	16 9.0	4.3	33.304	−4.237
23	3 3 32	55 5	+13 47.3	4 22.2	58 54.9	19.8	16 4.7	5.4	47.372	−3.371
24	3 58 37		+18 9.5		58 35.1		15 59.3		61.286	−2.315

Tag	Obere Kulmination in Greenwich AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	0h Länge, + 50° Breite Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1927	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Juni 13	16 15 53	133	−19 14.9	− 8.4	55.7	22 50.9	2.05	18 17	2.9	2 50	1.0
14	17 10 50	141	−22 6.7	− 5.8	56.2	23 41.8	2.19	19 27	2.8	3 17	1.3
15	—	—	—	—	—	—	—	20 33	2.6	3 52	1.6
16	18 8 52	148	−23 48.9	− 2.6	56.8	0 35.7	2.30	21 33	2.3	4 36	2.1
17	19 9 2	152	−24 7.9	+ 1.1	57.3	1 31.8	2.36	22 23	1.9	5 31	2.5
18	20 9 51	152	−22 57.1	+ 4.8	57.8	2 28.5	2.35	23 4	1.5	6 38	2.9
19	21 9 51	148	−20 19.0	+ 8.3	58.3	3 24.4	2.30	23 36	1.2	7 52	3.2
20	22 8 3	143	−16 24.5	+11.2	58.7	4 18.5	2.21	—	—	9 11	3.3
21	23 4 12	138	−11 29.8	+13.3	59.0	5 10.6	2.13	0 3	1.0	10 30	3.3
22	23 58 44	135	− 5 53.7	+14.6	59.2	6 1.0	2.08	0 25	0.9	11 50	3.3
23	0 52 28	134	+ 0 4.0	+15.1	59.4	6 50.7	2.07	0 46	0.9	13 10	3.3
24	1 46 29	136	+ 6 3.2	+14.7	59.5	7 40.6	2.10	1 7	0.9	14 30	3.4
25	2 41 49	141	+11 42.8	+13.4	59.4	8 31.9	2.18	1 29	1.0	15 52	3.4
26	3 39 14	147	+16 40.9	+11.2	59.2	9 25.2	2.27	1 54	1.1	17 12	3.3
27	4 39 2	152	+20 35.9	+ 8.2	58.9	10 20.9	2.36	2 24	1.4	18 31	3.1
28	5 40 41	155	+23 9.3	+ 4.5	58.4	11 18.4	2.42	3 2	1.8	19 43	2.8
29	6 42 51	155	+24 10.2	+ 0.6	57.8	12 16.5	2.41	3 50	2.2	20 44	2.3
30	7 43 49	150	+23 38.1	− 3.2	57.1	13 13.4	2.32	4 47	2.5	21 33	1.8
Juli 1	8 42 4	141	+21 42.5	− 6.3	56.4	14 7.5	2.18	5 52	2.8	22 11	1.4
2	9 36 45	132	+18 39.5	− 8.8	55.7	14 58.2	2.03	7 2	2.9	22 41	1.1
3	10 27 52	124	+14 46.7	−10.5	55.2	15 45.2	1.89	8 12	2.9	23 4	0.9
4	11 15 56	117	+10 19.9	−11.6	54.7	16 29.2	1.78	9 20	2.8	23 24	0.8
5	12 1 48	113	+ 5 32.4	−12.3	54.4	17 11.0	1.71	10 27	2.8	23 42	0.7
6	12 46 29	111	+ 0 35.0	−12.5	54.3	17 51.6	1.68	11 33	2.7	23 58	0.7
7	13 31 0	112	− 4 23.2	−12.3	54.3	18 32.1	1.70	12 38	2.7	—	—
8	14 16 23	115	− 9 13.2	−11.8	54.5	19 13.4	1.75	13 44	2.8	0 14	0.7
9	15 3 38	121	−13 44.8	−10.8	54.9	19 56.6	1.85	14 51	2.8	0 32	0.8
10	15 53 39	129	−17 46.0	− 9.2	55.5	20 42.6	1.98	16 0	2.9	0 52	0.9
11	16 47 6	138	−21 1.9	− 7.0	56.1	21 31.9	2.13	17 10	2.9	1 17	1.2
12	17 44 8	147	−23 15.5	− 4.0	56.8	22 24.9	2.27	18 18	2.7	1 48	1.5
13	18 44 11	153	−24 10.3	− 0.5	57.5	23 20.8	2.38	19 22	2.5	2 28	1.9
14	—	—	—	—	—	—	—	20 17	2.1	3 20	2.4
15	19 45 56	155	−23 34.6	+ 3.4	58.1	0 18.5	2.41	21 2	1.7	4 23	2.9
16	20 47 42	153	−21 25.6	+ 7.2	58.7	1 16.2	2.38	21 38	1.4	5 37	3.2
17	21 48 0	148	−17 51.3	+10.5	59.1	2 12.3	2.30	22 7	1.1	6 56	3.3
18	22 46 3	142	−13 8.1	+12.9	59.4	3 6.3	2.20	22 31	0.9	8 17	3.4
19	23 41 56	137	− 7 37.1	+14.5	59.5	3 58.1	2.12	22 52	0.9	9 38	3.4
20	0 36 17	135	− 1 40.4	+15.1	59.5	4 48.4	2.08	23 13	0.9	10 59	3.4
21	1 30 5	135	+ 4 20.6	+14.8	59.3	5 38.1	2.07	23 34	0.9	12 19	3.3
22	2 24 24	137	+10 5.1	+13.7	59.1	6 28.3	2.12	23 58	1.1	13 39	3.3
23	3 20 10	142	+15 13.2	+11.8	58.8	7 20.0	2.19	—	—	14 59	3.3
24	4 17 56	147	+19 25.7	+ 9.1	58.5	8 13.7	2.28	0 25	1.3	16 16	3.1

Tag		Scheinbare Rektaszension h m s	Diff. m s	Scheinbare Deklination ° ′	Diff. ° ′	Parallaxe ′ ″	Diff. ″	Halbmesser ′ ″	Diff. ″	Länge °	Breite °
1927 Juli	24	3 58 37	56 56	+18 9.5	3 19.1	58 35.1	23.2	15 59.3	6.4	61.286	−2.315
	25	4 55 33	58 18	+21 28.6	2 3.1	58 11.9	26.5	15 52.9	7.2	75.029	−1.138
	26	5 53 51	58 39	+23 31.7	0 39.9	57 45.4	29.4	15 45.7	8.0	88.591	+0.087
	27	6 52 30	57 40	+24 11.6	0 42.9	57 16.0	31.5	15 37.7	8.6	101.958	+1.288
	28	7 50 10	55 28	+23 28.7	1 58.2	56 44.5	32.6	15 29.1	8.9	115.117	+2.399
	29	8 45 38	52 36	+21 30.5	3 0.5	56 11.9	32.0	15 20.2	8.7	128.057	+3.365
	30	9 38 14	49 34	+18 30.0	3 48.0	55 39.9	29.7	15 11.5	8.1	140.771	+4.144
	31	10 27 48	46 53	+14 42.0	4 21.0	55 10.2	25.4	15 3.4	6.9	153.259	+4.709
Aug.	1	11 14 41	44 51	+10 21.0	4 41.2	54 44.8	19.3	14 56.5	5.2	165.537	+5.045
	2	11 59 32	43 37	+ 5 39.8	4 50.5	54 25.5	11.5	14 51.3	3.2	177.633	+5.149
	3	12 43 9	43 14	+ 0 49.3	4 50.7	54 14.0	2.5	14 48.1	0.7	189.591	+5.026
	4	13 26 23	43 45	− 4 1.4	4 42.1	54 11.5	7.3	14 47.4	2.0	201.466	+4.688
	5	14 10 8	45 9	− 8 43.5	4 24.8	54 18.8	17.7	14 49.4	4.8	213.330	+4.149
	6	14 55 17	47 22	−13 8.3	3 57.3	54 36.5	27.6	14 54.2	7.6	225.259	+3.428
	7	15 42 39	50 15	−17 5.6	3 17.9	55 4.1	36.7	15 1.8	10.0	237.336	+2.546
	8	16 32 54	53 31	−20 23.5	2 24.8	55 40.8	43.9	15 11.8	11.9	249.645	+1.531
	9	17 26 25	56 36	−22 48.3	1 17.1	56 24.7	48.6	15 23.7	13.3	262.263	+0.419
	10	18 23 1	58 55	−24 5.4	0 3.3	57 13.3	49.7	15 37.0	13.5	275.252	−0.746
	11	19 21 56	59 58	−24 2.1	1 30.9	58 3.0	46.7	15 50.5	12.7	288.651	−1.903
	12	20 21 54	59 35	−22 31.2	2 57.0	58 49.7	39.5	16 3.2	10.8	302.467	−2.983
	13	21 21 29	58 8	−19 34.2	4 12.8	59 29.2	28.9	16 14.0	7.9	316.667	−3.907
	14	22 19 37	56 15	−15 21.4	5 10.7	59 58.1	15.7	16 21.9	4.3	331.173	−4.601
	15	23 15 52	54 34	−10 10.7	5 46.9	60 13.8	2.1	16 26.2	0.5	345.874	−5.001
	16	0 10 26	53 30	− 4 23.8	6 0.2	60 15.9	10.5	16 26.7	2.8	0.641	−5.072
	17	1 3 56	53 15	+ 1 36.4	5 51.5	60 5.4	20.7	16 23.9	5.7	15.344	−4.808
	18	1 57 11	53 48	+ 7 27.9	5 22.6	59 44.7	27.8	16 18.2	7.6	29.878	−4.237
	19	2 50 59	54 59	+12 50.5	4 35.6	59 16.9	32.2	16 10.6	8.7	44.171	−3.408
	20	3 45 58	56 24	+17 26.1	3 33.2	58 44.7	34.0	16 1.9	9.3	58.187	−2.389
	21	4 42 22	57 33	+20 59.3	2 19.0	58 10.7	34.3	15 52.6	9.3	71.921	−1.250
	22	5 39 55	57 54	+23 18.3	0 57.9	57 36.4	33.3	15 43.3	9.1	85.389	−0.063
	23	6 37 49	57 10	+24 16.2	0 23.7	57 3.1	32.0	15 34.2	8.6	98.614	+1.104
	24	7 34 59	55 20	+23 52.5	1 39.5	56 31.1	30.3	15 25.6	8.4	111.622	+2.192
	25	8 30 19	52 48	+22 13.0	2 44.5	56 0.8	28.3	15 17.2	7.7	124.434	+3.150
	26	9 23 7	50 0	+19 28.5	3 36.1	55 32.5	25.9	15 9.5	7.1	137.065	+3.936
	27	10 13 7	47 25	+15 52.4	4 13.7	55 6.6	22.8	15 2.4	6.2	149.524	+4.521
	28	11 0 32	45 18	+11 38.7	4 38.2	54 43.8	18.8	14 56.2	5.1	161.819	+4.885
	29	11 45 50	43 54	+ 7 0.5	4 50.9	54 25.0	13.6	14 51.1	3.7	173.961	+5.022
	30	12 29 44	43 15	+ 2 9.6	4 53.4	54 11.4	7.3	14 47.4	2.0	185.968	+4.934
	31	13 12 59	43 24	− 2 43.8	4 46.5	54 4.1	0.3	14 45.4	0.1	197.869	+4.631
Sept.	1	13 56 23	44 22	− 7 30.3	4 30.6	54 4.4	8.9	14 45.5	2.4	209.705	+4.130
	2	14 40 45	46 6	−12 0.9	4 5.2	54 13.3	18.4	14 47.9	5.0	221.533	+3.450
	3	15 26 51		−16 6.1		54 31.7		14 52.9		233.422	+2.617

(All columns: 0^h Welt-Zeit)

Tag	Obere Kulmination in Greenwich: AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	0h Länge, +50° Breite: Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1927	h m s	s	° '	'	'	h m	m	h m	m	h m	m
Juli 24	4 17 56	147	+19 25.7	+ 9.1	58.5	8 13.7	2.28	0 25	1.3	16 16	3.1
25	5 17 40	151	+22 25.1	+ 5.8	58.0	9 9.3	2.35	1 0	1.6	17 30	2.9
26	6 18 34	153	+23 58.8	+ 2.0	57.6	10 6.1	2.37	1 42	2.0	18 34	2.4
27	7 19 15	150	+24 1.8	− 1.7	57.0	11 2.7	2.33	2 35	2.4	19 27	2.0
28	8 18 8	144	+22 38.5	− 5.1	56.5	11 57.5	2.23	3 37	2.7	20 9	1.5
29	9 14 7	136	+20 0.9	− 7.9	55.9	12 49.4	2.09	4 45	2.9	20 41	1.2
30	10 6 44	127	+16 25.4	− 9.9	55.4	13 38.0	1.95	5 55	2.9	21 7	1.0
31	10 56 12	120	+12 8.6	−11.3	54.9	14 23.3	1.83	7 5	2.9	21 28	0.8
Aug. 1	11 43 6	115	+ 7 25.7	−12.2	54.5	15 6.2	1.74	8 12	2.8	21 46	0.7
2	12 28 19	112	+ 2 29.1	−12.5	54.3	15 47.4	1.69	9 19	2.7	22 3	0.7
3	13 12 47	111	− 2 30.6	−12.4	54.2	16 27.8	1.68	10 24	2.7	22 20	0.7
4	13 57 31	113	− 7 24.3	−12.0	54.3	17 8.5	1.71	11 30	2.7	22 36	0.7
5	14 43 30	117	−12 2.5	−11.1	54.5	17 50.4	1.79	12 36	2.8	22 55	0.9
6	15 31 42	124	−16 14.9	− 9.8	55.0	18 34.5	1.90	13 43	2.8	23 17	1.0
7	16 22 56	132	−19 48.9	− 7.9	55.6	19 21.7	2.04	14 52	2.9	23 45	1.3
8	17 17 44	141	−22 29.6	− 5.3	56.3	20 12.4	2.19	16 0	2.8	—	—
9	18 16 3	150	−24 0.1	− 2.1	57.1	21 6.6	2.32	17 6	2.6	0 20	1.7
10	19 17 7	155	−24 5.5	+ 1.7	58.0	22 3.6	2.42	18 5	2.3	1 6	2.2
11	20 19 29	156	−22 36.6	+ 5.7	58.8	23 1.8	2.43	18 55	1.9	2 4	2.7
12	21 21 28	153	−19 34.2	+ 9.4	59.5	23 59.7	2.39	19 35	1.5	3 14	3.1
13	—	—	—	—	—	—	—	20 7	1.2	4 33	3.4
14	22 21 50	148	−15 10.3	+12.4	60.0	0 56.0	2.31	20 33	1.0	5 56	3.5
15	23 20 6	143	− 9 45.2	+14.5	60.2	1 50.2	2.21	20 56	0.9	7 20	3.5
16	0 16 31	139	− 3 43.4	+15.5	60.3	2 42.5	2.15	21 18	0.9	8 43	3.5
17	1 11 50	138	+ 2 29.6	+15.4	60.0	3 33.7	2.13	21 39	0.9	10 6	3.4
18	2 7 1	139	+ 8 29.9	+14.4	59.7	4 24.8	2.14	22 2	1.0	11 27	3.4
19	3 2 58	141	+13 55.7	+12.6	59.2	5 16.7	2.19	22 28	1.2	12 48	3.3
20	4 0 19	145	+18 27.4	+10.0	58.6	6 10.0	2.25	23 0	1.5	14 7	3.2
21	4 59 15	149	+21 48.5	+ 6.7	58.0	7 4.8	2.31	23 40	1.9	15 21	2.9
22	5 59 15	151	+23 46.8	+ 3.1	57.4	8 0.7	2.34	—	—	16 28	2.6
23	6 59 16	149	+24 16.8	− 0.6	56.8	8 56.6	2.31	0 29	2.2	17 24	2.1
24	7 57 59	144	+23 20.3	− 4.0	56.3	9 51.2	2.23	1 27	2.6	18 8	1.6
25	8 54 15	137	+21 6.8	− 7.0	55.8	10 43.5	2.11	2 32	2.8	18 43	1.3
26	9 47 31	129	+17 50.1	− 9.3	55.3	11 32.6	1.99	3 41	2.9	19 10	1.0
27	10 37 44	122	+13 46.1	−10.9	54.9	12 18.8	1.87	4 51	2.9	19 32	0.9
28	11 25 22	116	+ 9 9.8	−12.0	54.6	13 2.4	1.77	6 0	2.8	19 51	0.7
29	12 11 5	113	+ 4 14.9	−12.5	54.3	13 44.0	1.71	7 7	2.7	20 8	0.7
30	12 55 43	111	− 0 46.9	−12.6	54.1	14 24.6	1.68	8 12	2.7	20 24	0.7
31	13 40 11	112	− 5 45.2	−12.2	54.1	15 5.0	1.69	9 18	2.7	20 41	0.7
Sept. 1	14 25 22	115	−10 30.4	−11.5	54.2	15 46.1	1.74	10 24	2.7	20 59	0.8
2	15 12 11	120	−14 52.6	−10.3	54.4	16 28.9	1.82	11 30	2.8	21 19	0.9
3	16 1 25	127	−18 40.7	− 8.6	54.8	17 14.1	1.95	12 37	2.8	21 43	1.1

Tag		Scheinbare Rektaszension		Scheinbare Deklination		Parallaxe		Halbmesser		Länge	Breite
1927		h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°
Sept.	3	15 26 51	48 32	−16 6.1	3 29.3	54 31.7	28.2	14 52.9	7.7	233.422	+2.617
	4	16 15 23	51 25	−19 35.4	2 41.3	54 59.9	37.8	15 0.6	10.3	245.452	+1.658
	5	17 6 48	54 25	−22 16.7	1 40.5	55 37.7	46.4	15 10.9	12.7	257.708	+0.604
	6	18 1 13	57 2	−23 57.2	0 26.9	56 24.1	52.9	15 23.6	14.4	270.278	−0.504
	7	18 58 15	58 46	−24 24.1	0 56.2	57 17.0	56.3	15 38.0	15.3	283.244	−1.620
	8	19 57 1	59 19	−23 27.9	2 23.0	58 13.3	55.3	15 53.3	15.1	296.666	−2.684
	9	20 56 20	58 45	−21 4.9	3 45.3	59 8.6	49.1	16 8.4	13.4	310.575	−3.627
	10	21 55 5	57 31	−17 19.6	4 54.8	59 57.7	37.8	16 21.8	10.3	324.952	−4.374
	11	22 52 36	56 10	−12 24.8	5 44.5	60 35.5	22.3	16 32.1	6.0	339.725	−4.851
	12	23 48 46	55 13	− 6 40.3	6 10.6	60 57.8	4.4	16 38.1	1.2	354.767	−5.004
	13	0 43 59	54 55	− 0 29.7	6 11.2	61 2.2	13.3	16 39.3	3.6	9.913	−4.809
	14	1 38 54	55 19	+ 5 41.5	5 47.2	60 48.9	28.4	16 35.7	7.7	24.989	−4.280
	15	2 34 13	56 17	+11 28.7	5 1.3	60 20.5	39.2	16 28.0	10.7	39.843	−3.467
	16	3 30 30	57 27	+16 30.0	3 57.3	59 41.3	45.4	16 17.3	12.4	54.368	−2.444
	17	4 27 57	58 20	+20 27.3	2 40.2	58 55.9	47.4	16 4.9	12.9	68.507	−1.293
	18	5 26 17	58 27	+23 7.5	1 16.6	58 8.5	46.2	15 52.0	12.6	82.253	−0.097
	19	6 24 44	57 31	+24 24.1	0 7.1	57 22.3	42.6	15 39.4	11.6	95.631	+1.073
	20	7 22 15	55 34	+24 17.0	1 24.6	56 39.7	38.0	15 27.8	10.3	108.686	+2.158
	21	8 17 49	52 57	+22 52.4	2 31.5	56 1.7	32.8	15 17.5	9.0	121.468	+3.110
	22	9 10 46	50 9	+20 20.9	3 25.4	55 28.9	27.6	15 8.5	7.5	134.027	+3.892
	23	10 0 55	47 33	+16 55.5	4 6.0	55 1.3	22.7	15 1.0	6.2	146.405	+4.476
	24	10 48 28	45 26	+12 49.5	4 34.0	54 38.6	17.8	14 54.8	4.8	158.634	+4.846
	25	11 33 54	43 59	+ 8 15.5	4 50.3	54 20.8	13.2	14 50.0	3.6	170.739	+4.993
	26	12 17 53	43 14	+ 3 25.2	4 56.0	54 7.6	8.1	14 46.4	2.2	182.740	+4.915
	27	13 1 7	43 14	− 1 30.8	4 51.8	53 59.5	2.7	14 44.2	0.8	194.655	+4.623
	28	13 44 21	43 59	− 6 22.6	4 37.9	53 56.8	3.4	14 43.4	0.9	206.506	+4.130
	29	14 28 20	45 25	−11 0.5	4 14.3	54 0.2	10.3	14 44.3	2.9	218.324	+3.459
	30	15 13 45	47 27	−15 14.8	3 40.3	54 10.5	18.2	14 47.2	4.9	230.150	+2.637
Okt.	1	16 1 12	49 56	−18 55.1	2 55.2	54 28.7	26.6	14 52.1	7.3	242.038	+1.693
	2	16 51 8	52 34	−21 50.3	1 58.5	54 55.3	35.4	14 59.4	9.6	254.054	+0.663
	3	17 43 42	54 58	−23 48.8	0 50.7	55 30.7	44.0	15 9.0	12.0	266.274	−0.417
	4	18 38 40	56 44	−24 39.5	0 26.4	56 14.7	51.4	15 21.0	14.0	278.782	−1.504
	5	19 35 24	57 35	−24 13.1	1 48.5	57 6.1	56.6	15 35.0	15.4	291.661	−2.546
	6	20 32 59	57 33	−22 24.6	3 10.1	58 2.7	58.3	15 50.4	15.9	304.985	−3.487
	7	21 30 32	56 52	−19 14.5	4 24.4	59 1.0	55.2	16 6.3	15.0	318.802	−4.261
	8	22 27 24	56 3	−14 50.1	5 24.7	59 56.2	46.3	16 21.3	12.7	333.120	−4.799
	9	23 23 27	55 29	− 9 25.4	6 5.4	60 42.5	31.8	16 34.0	8.6	347.895	−5.040
	10	0 18 56	55 31	− 3 20.0	6 22.1	61 14.3	13.1	16 42.6	3.6	3.016	−4.940
	11	1 14 27	56 14	+ 3 2.1	6 12.1	61 27.4	7.3	16 46.2	2.0	18.325	−4.487
	12	2 10 41	57 32	+ 9 14.2	5 35.4	61 20.1	26.6	16 44.2	7.2	33.630	−3.713
	13	3 8 13	59 3	+14 49.6	4 34.6	60 53.5	41.9	16 37.0	11.5	48.750	−2.684
	14	4 7 16		+19 24.2		60 11.6		16 25.5		63.537	−1.492

(All values: 0^h Welt-Zeit)

Tag	Obere Kulmination in Greenwich: AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	0h Länge, + 50° Breite: Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1927	h m s	s	° '	'	'	h m	m	h m	m	h m	m
Sept. 3	16 1 25	127	−18 40.7	− 8.6	54.8	17 14.1	1.95	12 37	2.8	21 43	1.1
4	16 53 44	135	−21 41.8	− 6.4	55.5	18 2.3	2.08	13 45	2.8	22 14	1.5
5	17 49 25	143	−23 41.6	− 3.5	56.2	18 53.9	2.22	14 50	2.6	22 54	1.9
6	18 48 8	150	−24 25.2	0.0	57.1	19 48.5	2.33	15 52	2.4	23 46	2.4
7	19 49 1	154	−23 40.6	+ 3.8	58.1	20 45.3	2.39	16 45	2.0	—	—
8	20 50 42	154	−21 22.2	+ 7.7	59.1	21 42.9	2.39	17 28	1.6	0 49	2.9
9	21 51 50	151	−17 34.1	+11.2	59.9	22 39.9	2.36	18 4	1.4	2 4	3.3
10	22 51 38	148	−12 30.3	+13.9	60.6	23 35.6	2.29	18 33	1.1	3 26	3.5
11	—	—	—	—	—	—	—	18 57	1.0	4 51	3.6
12	23 49 55	144	− 6 32.8	+15.7	61.0	0 29.8	2.23	19 19	0.9	6 17	3.6
13	0 47 9	142	− 0 8.1	+16.2	61.0	1 23.0	2.20	19 41	0.9	7 42	3.6
14	1 44 5	143	+ 6 15.6	+15.6	60.8	2 15.8	2.21	20 4	1.0	9 8	3.5
15	2 41 32	145	+12 11.4	+13.9	60.3	3 9.2	2.24	20 29	1.2	10 32	3.5
16	3 40 8	148	+17 15.1	+11.3	59.6	4 3.7	2.30	21 0	1.4	11 55	3.4
17	4 40 2	151	+21 7.3	+ 8.0	58.8	4 59.5	2.35	21 37	1.7	13 13	3.1
18	5 40 46	152	+23 34.4	+ 4.2	57.9	5 56.1	2.36	22 24	2.1	14 23	2.7
19	6 41 22	150	+24 30.4	+ 0.4	57.2	6 52.6	2.33	23 20	2.5	15 22	2.2
20	7 40 33	145	+23 57.5	− 3.1	56.4	7 47.7	2.25	—	—	16 10	1.7
21	8 37 16	138	+22 4.7	− 6.2	55.8	8 40.4	2.13	0 23	2.7	16 46	1.4
22	9 30 57	130	+19 5.3	− 8.7	55.3	9 30.0	2.01	1 31	2.9	17 15	1.1
23	10 21 34	123	+15 14.4	−10.5	54.8	10 16.5	1.88	2 40	2.9	17 38	0.9
24	11 9 32	117	+10 46.6	−11.7	54.5	11 0.4	1.79	3 49	2.8	17 57	0.8
25	11 55 29	113	+ 5 55.3	−12.5	54.2	11 42.3	1.71	4 56	2.8	18 15	0.7
26	12 40 14	111	+ 0 52.5	−12.7	54.0	12 23.0	1.68	6 2	2.7	18 31	0.7
27	13 24 35	111	− 4 10.7	−12.5	54.0	13 3.3	1.69	7 8	2.7	18 47	0.7
28	14 9 23	113	− 9 3.9	−11.9	54.0	13 44.0	1.71	8 14	2.7	19 4	0.7
29	14 55 26	117	−13 36.9	−10.8	54.1	14 26.0	1.79	9 20	2.8	19 22	0.9
30	15 43 28	123	−17 38.7	− 9.3	54.4	15 10.0	1.88	10 27	2.8	19 45	1.1
Okt. 1	16 34 5	130	−20 57.2	− 7.2	54.8	15 56.6	2.00	11 34	2.8	20 13	1.3
2	17 27 36	137	−23 19.8	− 4.6	55.3	16 46.0	2.12	12 40	2.7	20 48	1.7
3	18 23 54	144	−24 33.3	− 1.5	56.0	17 38.2	2.23	13 42	2.4	21 33	2.1
4	19 22 23	148	−24 26.2	+ 2.1	56.9	18 32.6	2.30	14 37	2.1	22 30	2.6
5	20 22 6	150	−22 51.4	+ 5.8	57.9	19 28.2	2.33	15 23	1.7	23 38	3.0
6	21 21 55	149	−19 48.0	+ 9.4	58.9	20 23.9	2.31	16 1	1.4	—	—
7	22 21 5	147	−15 23.0	+12.6	59.8	21 19.0	2.28	16 31	1.2	0 56	3.3
8	23 19 19	145	− 9 51.2	+14.9	60.7	22 13.1	2.24	16 57	1.0	2 18	3.5
9	0 16 53	144	− 3 34.0	+16.3	61.2	23 6.6	2.22	17 20	0.9	3 43	3.6
10	—	—	—	—	—	—	—	17 41	0.9	5 9	3.6
11	1 14 27	145	+ 3 2.1	+16.5	61.5	0 0.1	2.24	18 3	1.0	6 36	3.6
12	2 12 50	148	+ 9 27.7	+15.4	61.3	0 54.4	2.29	18 28	1.1	8 4	3.6
13	3 12 41	152	+15 13.0	+13.2	60.8	1 50.2	2.36	18 56	1.3	9 31	3.6
14	4 14 14	156	+19 51.3	+ 9.9	60.1	2 47.6	2.42	19 32	1.7	10 55	3.3

Mond 1927

Tag	0h Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		Parallaxe		Halbmesser		Länge	Breite
1927	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°
Okt. 14	4 7 16	60 13	+19 24.2	3 15.6	60 11.6	51.8	16 25.5	14.1	63.537	−1.492
15	5 7 29	60 28	+22 39.8	1 46.3	59 19.8	56.1	16 11.4	15.2	77.901	−0.235
16	6 7 57	59 24	+24 26.1	0 15.9	58 23.7	55.5	15 56.2	15.2	91.808	+0.999
17	7 7 21	57 10	+24 42.0	1 7.8	57 28.2	51.4	15 41.0	14.0	105.270	+2.139
18	8 4 31	54 9	+23 34.2	2 19.1	56 36.8	45.0	15 27.0	12.2	118.330	+3.132
19	8 58 40	50 55	+21 15.1	3 16.2	55 51.8	37.5	15 14.8	10.3	131.050	+3.943
20	9 49 35	47 59	+17 58.9	3 59.1	55 14.3	29.6	15 4.5	8.0	143.495	+4.548
21	10 37 34	45 37	+13 59.8	4 29.5	54 44.7	22.1	14 56.5	6.0	155.727	+4.932
22	11 23 11	43 59	+ 9 30.3	4 48.4	54 22.6	15.1	14 50.5	4.2	167.804	+5.091
23	12 7 10	43 8	+ 4 41.9	4 57.0	54 7.5	8.8	14 46.3	2.4	179.771	+5.024
24	12 50 18	43 4	− 0 15.1	4 56.0	53 58.7	3.1	14 43.9	0.8	191.665	+4.739
25	13 33 22	43 43	− 5 11.1	4 45.3	53 55.6	2.3	14 43.1	0.6	203.519	+4.249
26	14 17 5	45 5	− 9 56.4	4 24.2	53 57.9	7.4	14 43.7	2.0	215.358	+3.576
27	15 2 10	47 1	−14 20.6	3 52.5	54 5.3	12.7	14 45.7	3.5	227.209	+2.745
28	15 49 11	49 19	−18 13.1	3 9.4	54 18.0	18.3	14 49.2	5.0	239.104	+1.789
29	16 38 30	51 43	−21 22.5	2 14.6	54 36.3	24.6	14 54.2	6.7	251.079	+0.746
30	17 30 13	53 52	−23 37.1	1 9.3	55 0.9	31.2	15 0.9	8.5	263.181	−0.345
31	18 24 5	55 22	−24 46.4	0 4.3	55 32.1	38.0	15 9.4	10.3	275.466	−1.438
Nov. 1	19 19 27	56 2	−24 42.1	1 22.3	56 10.1	44.6	15 19.7	12.2	287.998	−2.486
2	20 15 29	55 53	−23 19.8	2 40.0	56 54.7	49.9	15 31.9	13.6	300.844	−3.436
3	21 11 22	55 12	−20 39.8	3 52.4	57 44.6	53.0	15 45.5	14.4	314.068	−4.234
4	22 6 34	54 24	−16 47.4	4 54.8	58 37.6	52.7	15 59.9	14.4	327.722	−4.821
5	23 0 58	53 55	−11 52.6	5 42.8	59 30.3	47.7	16 14.3	13.0	341.828	−5.140
6	23 54 53	54 7	− 6 9.8	6 12.1	60 18.0	37.2	16 27.3	10.1	356.370	−5.145
7	0 49 0	55 5	+ 0 2.3	6 18.7	60 55.2	21.8	16 37.4	6.0	11.279	−4.808
8	1 44 5	56 52	+ 6 21.0	5 59.2	61 17.0	2.8	16 43.4	0.7	26.435	−4.132
9	2 40 57	59 6	+12 20.2	5 12.4	61 19.8	17.1	16 44.1	4.6	41.679	−3.159
10	3 40 3	61 13	+17 32.6	4 0.6	61 2.7	35.1	16 39.5	9.6	56.834	−1.967
11	4 41 16	62 26	+21 33.2	2 30.7	60 27.6	48.6	16 29.9	13.2	71.742	−0.656
12	5 43 42	62 6	+24 3.9	0 53.2	59 39.0	56.4	16 16.7	15.4	86.280	+0.668
13	6 45 48	60 5	+24 57.1	0 40.4	58 42.6	58.7	16 1.3	16.0	100.376	+1.914
14	7 45 53	56 48	+24 16.7	2 1.3	57 43.9	56.2	15 45.3	15.3	114.009	+3.009
15	8 42 41	53 2	+22 15.4	3 5.4	56 47.7	50.2	15 30.0	13.7	127.198	+3.908
16	9 35 43	49 28	+19 10.0	3 52.9	55 57.5	41.9	15 16.3	11.4	139.992	+4.583
17	10 25 11	46 31	+15 17.1	4 25.7	55 15.6	32.7	15 4.9	8.9	152.455	+5.022
18	11 11 42	44 24	+10 51.4	4 46.5	54 42.9	23.2	14 56.0	6.3	164.660	+5.223
19	11 56 6	43 12	+ 6 4.9	4 56.9	54 19.7	14.1	14 49.7	3.9	176.679	+5.191
20	12 39 18	42 52	+ 1 8.0	4 58.3	54 5.6	5.8	14 45.8	1.6	188.579	+4.935
21	13 22 10	43 25	− 3 50.3	4 50.4	53 59.8	1.4	14 44.2	0.4	200.420	+4.469
22	14 5 35	44 42	− 8 40.7	4 33.0	54 1.2	7.6	14 44.6	2.1	212.252	+3.812
23	14 50 17	46 39	−13 13.7	4 4.5	54 8.8	12.7	14 46.7	3.5	224.119	+2.988
24	15 36 56		−17 18.2		54 21.5		14 50.2		236.056	+2.028

Tag	Obere Kulmination in Greenwich: AR.	Änderung für 1ʰ westl. Länge	Dekl.	Änderung für 1ʰ westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1ʰ westl. Länge	0ʰ Länge, +50° Breite: Aufgang	Änderung für 1ʰ westl. Länge	Untergang	Änderung für 1ʰ westl. Länge
1927	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Okt. 14	4 14 14	156	+19 51.3	+ 9.9	60.1	2 47.6	2.42	19 32	1.7	10 55	3.3
15	5 17 0	158	+23 2.6	+ 6.0	59.2	3 46.3	2.46	20 16	2.1	12 11	3.0
16	6 19 50	156	+24 36.3	+ 1.8	58.2	4 45.0	2.43	21 11	2.5	13 17	2.5
17	7 21 11	150	+24 33.1	− 2.0	57.3	5 42.3	2.34	22 14	2.7	14 10	1.9
18	8 19 45	142	+23 2.5	− 5.4	56.4	6 36.7	2.20	23 21	2.9	14 50	1.5
19	9 14 50	133	+20 19.6	− 8.1	55.7	7 27.7	2.05	—	—	15 21	1.1
20	10 6 24	125	+16 40.9	−10.1	55.1	8 15.2	1.91	0 31	2.9	15 45	0.9
21	10 54 54	118	+12 21.7	−11.4	54.6	8 59.7	1.80	1 40	2.8	16 5	0.8
22	11 41 7	113	+ 7 35.5	−12.3	54.3	9 41.8	1.72	2 47	2.8	16 22	0.7
23	12 25 53	111	+ 2 34.0	−12.7	54.0	10 22.5	1.68	3 54	2.7	16 38	0.7
24	13 10 5	111	− 2 32.1	−12.7	53.9	11 2.7	1.67	4 59	2.7	16 54	0.7
25	13 54 35	112	− 7 32.4	−12.2	53.9	11 43.1	1.70	6 5	2.7	17 10	0.7
26	14 40 12	116	−12 16.3	−11.3	54.0	12 24.7	1.77	7 11	2.8	17 28	0.8
27	15 27 38	121	−16 32.5	− 9.9	54.2	13 8.0	1.85	8 18	2.8	17 49	1.0
28	16 17 26	128	−20 8.8	− 8.0	54.5	13 53.8	1.96	9 26	2.8	18 14	1.2
29	17 9 54	134	−22 52.1	− 5.5	54.8	14 42.2	2.07	10 33	2.7	18 47	1.5
30	18 4 55	140	−24 30.0	− 2.6	55.3	15 33.1	2.17	11 36	2.5	19 28	1.9
31	19 1 53	144	−24 51.8	+ 0.8	56.0	16 26.0	2.23	12 33	2.2	20 20	2.4
Nov. 1	19 59 54	146	−23 50.6	+ 4.3	56.7	17 19.9	2.26	13 21	1.8	21 23	2.8
2	20 57 59	145	−21 25.1	+ 7.8	57.5	18 13.9	2.24	14 0	1.5	22 34	3.1
3	21 55 25	142	−17 40.1	+10.9	58.4	19 7.2	2.20	14 32	1.2	23 52	3.3
4	22 51 56	140	−12 45.6	+13.5	59.4	19 59.7	2.17	14 58	1.0	—	—
5	23 47 50	140	− 6 56.8	+15.4	60.2	20 51.5	2.16	15 21	0.9	1 13	3.4
6	0 43 50	141	− 0 33.7	+16.4	60.9	21 43.4	2.18	15 42	0.9	2 36	3.5
7	1 40 51	145	+ 5 59.2	+16.2	61.3	22 36.3	2.24	16 3	0.9	4 1	3.6
8	2 39 47	150	+12 13.4	+14.8	61.3	23 31.2	2.33	16 26	1.0	5 27	3.6
9	—	—	—	—	—	—	—	16 52	1.2	6 55	3.7
10	3 41 15	157	+17 38.1	+12.1	61.0	0 28.5	2.45	17 24	1.5	8 23	3.6
11	4 45 4	162	+21 45.2	+ 8.3	60.4	1 28.3	2.52	18 5	1.9	9 47	3.3
12	5 50 11	163	+24 13.9	+ 4.0	59.6	2 29.3	2.55	18 56	2.4	11 1	2.8
13	6 54 43	159	+24 56.8	− 0.4	58.6	3 29.7	2.48	19 58	2.7	12 2	2.2
14	7 56 43	150	+23 59.8	− 4.3	57.6	4 27.6	2.33	21 6	2.9	12 49	1.7
15	8 54 52	140	+21 38.9	− 7.3	56.6	5 21.6	2.17	22 17	3.0	13 24	1.3
16	9 48 48	130	+18 13.8	− 9.6	55.8	6 11.5	1.99	23 28	2.9	13 51	1.0
17	10 38 56	121	+14 2.8	−11.2	55.1	6 57.6	1.85	—	—	14 12	0.8
18	11 26 5	115	+ 9 21.5	−12.2	54.6	7 40.7	1.75	0 37	2.8	14 30	0.7
19	12 11 14	111	+ 4 22.2	−12.7	54.2	8 21.8	1.69	1 44	2.8	14 46	0.7
20	12 55 25	110	− 0 44.6	−12.8	54.0	9 1.9	1.67	2 50	2.7	15 2	0.7
21	13 39 36	111	− 5 49.1	−12.5	54.0	9 42.0	1.69	3 55	2.7	15 18	0.7
22	14 24 43	115	−10 41.6	−11.8	54.1	10 23.1	1.74	5 1	2.8	15 34	0.7
23	15 11 35	120	−15 11.0	−10.6	54.2	11 5.9	1.83	6 8	2.8	15 54	0.9
24	16 0 50	126	−19 4.9	− 8.8	54.5	11 51.1	1.94	7 16	2.8	16 18	1.1

Tag	Scheinbare Rektaszension (h m s)	Diff. (m s)	Scheinbare Deklination (° ′)	Diff. (° ′)	Parallaxe (′ ″)	Diff. (″)	Halbmesser (′ ″)	Diff. (″)	Länge (°)	Breite (°)
0h Welt-Zeit										
1927										
Nov. 24	15 36 56	49 3	−17 18.2	3 24.4	54 21.5	17.1	14 50.2	4.6	236.056	+2.028
25	16 25 59	51 34	−20 42.6	2 31.6	54 38.6	21.0	14 54.8	5.7	248.092	+0.969
26	17 17 33	53 47	−23 14.2	1 27.5	54 59.6	24.5	15 0.5	6.7	260.255	−0.147
27	18 11 20	55 17	−24 41.7	0 14.3	55 24.1	28.1	15 7.2	7.7	272.573	−1.271
28	19 6 37	55 48	−24 56.0	1 3.2	55 52.2	31.8	15 14.9	8.6	285.076	−2.352
29	20 2 25	55 22	−23 52.8	2 19.8	56 24.0	35.4	15 23.5	9.7	297.797	−3.337
30	20 57 47	54 18	−21 33.0	3 30.4	56 59.4	38.7	15 33.2	10.5	310.771	−4.172
Dez. 1	21 52 5	53 3	−18 2.6	4 31.1	57 38.1	41.0	15 43.7	11.2	324.034	−4.804
2	22 45 8	52 9	−13 31.5	5 18.9	58 19.1	41.4	15 54.9	11.3	337.614	−5.187
3	23 37 17	51 56	− 8 12.6	5 51.7	59 0.5	39.0	16 6.2	10.6	351.530	−5.280
4	0 29 13	52 37	− 2 20.9	6 6.7	59 39.5	32.8	16 16.8	8.9	5.774	−5.055
5	1 21 50	54 17	+ 3 45.8	6 0.6	60 12.3	22.5	16 25.7	6.2	20.313	−4.507
6	2 16 7	56 47	+ 9 46.4	5 30.5	60 34.8	8.6	16 31.9	2.3	35.076	−3.654
7	3 12 54	59 39	+15 16.9	4 34.9	60 43.4	7.6	16 34.2	2.1	49.962	−2.548
8	4 12 33	62 8	+19 51.8	3 15.6	60 35.8	24.0	16 32.1	6.5	64.844	−1.270
9	5 14 41	63 18	+23 7.4	1 40.2	60 11.8	38.1	16 25.6	10.4	79.592	+0.083
10	6 17 59	62 33	+24 47.6	0 0.3	59 33.7	48.3	16 15.2	13.1	94.083	+1.408
11	7 20 32	59 54	+24 47.9	1 31.7	58 45.4	53.6	16 2.1	14.7	108.226	+2.614
12	8 20 26	56 6	+23 16.2	2 47.3	57 51.8	54.1	15 47.4	14.7	121.964	+3.633
13	9 16 32	52 4	+20 28.9	3 43.7	56 57.7	50.3	15 32.7	13.7	135.279	+4.421
14	10 8 36	48 27	+16 45.2	4 22.0	56 7.4	43.5	15 19.0	11.8	148.191	+4.959
15	10 57 3	45 39	+12 23.2	4 45.8	55 23.9	34.5	15 7.2	9.4	160.743	+5.242
16	11 42 42	43 51	+ 7 37.4	4 57.7	54 49.4	24.4	14 57.8	6.7	173.000	+5.277
17	12 26 33	43 1	+ 2 39.7	5 0.3	54 25.0	14.0	14 51.1	3.8	185.036	+5.079
18	13 9 34	43 8	− 2 20.6	4 54.0	54 11.0	4.1	14 47.3	1.1	196.929	+4.665
19	13 52 42	44 10	− 7 14.6	4 39.2	54 6.9	5.0	14 46.2	1.3	208.758	+4.055
20	14 36 52	46 0	−11 53.8	4 14.5	54 11.9	12.9	14 47.5	3.5	220.594	+3.272
21	15 22 52	48 26	−16 8.3	3 38.4	54 24.8	19.2	14 51.0	5.3	232.503	+2.342
22	16 11 18	51 11	−19 46.7	2 49.5	54 44.0	23.8	14 56.3	6.5	244.539	+1.301
23	17 2 29	53 47	−22 36.2	1 47.9	55 7.8	27.0	15 2.8	7.3	256.745	+0.186
24	17 56 16	55 45	−24 24.1	0 35.1	55 34.8	28.6	15 10.1	7.8	269.150	−0.955
25	18 52 1	56 36	−24 59.2	0 44.1	56 3.4	29.1	15 17.9	8.0	281.775	−2.068
26	19 48 37	56 16	−24 15.1	2 3.6	56 32.5	28.9	15 25.9	7.8	294.628	−3.095
27	20 44 53	55 1	−22 11.5	3 16.7	57 1.4	28.4	15 33.7	7.8	307.709	−3.979
28	21 39 54	53 21	−18 54.8	4 18.8	57 29.8	27.6	15 41.5	7.5	321.011	−4.663
29	22 33 15	51 50	−14 36.0	5 6.8	57 57.4	26.7	15 49.0	7.2	334.525	−5.102
30	23 25 5	50 56	− 9 29.2	5 39.1	58 24.1	25.1	15 56.2	6.9	348.241	−5.258
31	0 16 1	50 56	− 3 50.1	5 54.9	58 49.2	22.8	16 3.1	6.2	2.146	−5.112
32	1 6 57		+ 2 4.8		59 12.0		16 9.3		16.223	−4.660

Tag	Obere Kulmination in Greenwich							0h Länge, +50° Breite			
	AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1927	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Nov. 24	16 0 50	126	−19 4.9	− 8.8	54.5	11 51.1	1.94	7 16	2.8	16 18	1.1
25	16 52 51	133	−22 9.9	− 6.5	54.8	12 39.0	2.06	8 24	2.8	16 48	1.4
26	17 47 33	140	−24 12.0	− 3.6	55.2	13 29.6	2.16	9 30	2.6	17 26	1.8
27	18 44 19	144	−24 59.5	− 0.3	55.7	14 22.3	2.22	10 29	2.3	18 15	2.2
28	19 42 7	145	−24 24.8	+ 3.2	56.2	15 16.0	2.24	11 21	1.9	19 14	2.7
29	20 39 48	143	−22 26.8	+ 6.6	56.8	16 9.6	2.22	12 2	1.6	20 23	3.0
30	21 36 27	140	−19 10.4	+ 9.7	57.4	17 2.2	2.16	12 36	1.3	21 37	3.2
Dez. 1	22 31 44	137	−14 45.6	+12.3	58.1	17 53.4	2.10	13 3	1.0	22 55	3.3
2	23 25 52	134	− 9 26.0	+14.2	58.9	18 43.4	2.07	13 26	0.9	—	—
3	0 19 34	134	− 3 27.8	+15.5	59.5	19 33.1	2.07	13 46	0.8	0 14	3.3
4	1 13 50	137	+ 2 50.4	+15.9	60.1	20 23.2	2.12	14 6	0.8	1 35	3.4
5	2 9 47	143	+ 9 6.1	+15.3	60.5	21 15.1	2.21	14 26	0.9	2 57	3.5
6	3 8 27	151	+14 53.2	+13.5	60.7	22 9.7	2.34	14 49	1.1	4 22	3.6
7	4 10 19	159	+19 43.0	+10.5	60.6	23 7.5	2.47	15 17	1.3	5 48	3.6
8	—	—	—	—	—	—	—	15 53	1.7	7 14	3.5
9	5 15 2	164	+23 8.3	+ 6.5	60.2	0 8.1	2.57	16 39	2.2	8 35	3.1
10	6 21 4	165	+24 49.9	+ 2.0	59.5	1 10.0	2.57	17 37	2.6	9 45	2.6
11	7 26 6	159	+24 43.1	− 2.4	58.7	2 10.9	2.49	18 44	2.9	10 40	2.0
12	8 28 1	149	+22 58.1	− 6.2	57.7	3 8.7	2.32	19 57	3.0	11 22	1.5
13	9 25 34	138	+19 54.7	− 9.0	56.8	4 2.2	2.13	21 10	3.0	11 53	1.1
14	10 18 40	127	+15 54.8	−10.9	56.0	4 51.2	1.96	22 22	2.9	12 17	0.9
15	11 7 55	119	+11 18.1	−12.1	55.2	5 36.4	1.82	23 30	2.8	12 36	0.7
16	11 54 22	113	+ 6 19.9	−12.7	54.7	6 18.8	1.72	—	—	12 53	0.7
17	12 39 7	111	+ 1 12.1	−12.9	54.3	6 59.5	1.67	0 37	2.8	13 9	0.6
18	13 23 16	111	− 3 55.5	−12.7	54.1	7 39.6	1.67	1 43	2.7	13 24	0.6
19	14 7 53	113	− 8 53.8	−12.1	54.1	8 20.1	1.72	2 49	2.8	13 40	0.7
20	14 53 56	118	−13 33.1	−11.1	54.3	9 2.1	1.79	3 56	2.8	13 59	0.9
21	15 42 16	124	−17 42.3	− 9.6	54.5	9 46.4	1.90	5 3	2.8	14 21	1.0
22	16 33 28	132	−21 8.0	− 7.5	54.9	10 33.5	2.02	6 12	2.8	14 48	1.3
23	17 27 43	139	−23 35.9	− 4.7	55.3	11 23.7	2.15	7 19	2.7	15 24	1.7
24	18 24 36	145	−24 51.7	− 1.5	55.8	12 16.5	2.24	8 22	2.5	16 9	2.1
25	19 23 4	147	−24 44.9	+ 2.1	56.3	13 10.9	2.28	9 17	2.1	17 6	2.6
26	20 21 46	146	−23 11.9	+ 5.6	56.8	14 5.5	2.26	10 3	1.7	18 13	2.9
27	21 19 25	142	−20 16.6	+ 8.9	57.3	14 59.0	2.20	10 39	1.4	19 27	3.1
28	22 15 19	137	−16 10.0	+11.6	57.8	15 50.8	2.12	11 8	1.1	20 44	3.2
29	23 9 24	133	−11 6.9	+13.6	58.3	16 40.9	2.05	11 31	0.9	22 2	3.3
30	0 2 15	131	− 5 24.3	+14.9	58.7	17 29.6	2.02	11 52	0.8	23 21	3.3
31	0 54 48	132	+ 0 40.0	+15.4	59.1	18 18.1	2.03	12 11	0.8	—	—

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927		h m s	m s	° ′ ″	′ ″			h m
Jan.	0	17 27 4.78	6 22.12	−23 7 52.4	11 58.7	0.114 7040	3 7380	10 53.5
	1	17 33 26.90	6 25.54	23 19 51.1	10 54.2	0.118 4420	3 5134	10 56.0
	2	17 39 52.44	6 28.72	23 30 45.3	9 47.6	0.121 9554	3 2968	10 58.5
	3	17 46 21.16	6 31.71	23 40 32.9	8 39.0	0.125 2522	3 0878	11 1.1
	4	17 52 52.87	6 34.52	23 49 11.9	7 28.7	0.128 3400	2 8858	11 3.7
	5	17 59 27.39	6 37.16	23 56 40.6	6 16.6	0.131 2258	2 6901	11 6.3
	6	18 6 4.55	6 39.64	−24 2 57.2	5 3.0	0.133 9159	2 5002	11 9.0
	7	18 12 44.19	6 41.97	24 8 0.2	3 48.0	0.136 4161	2 3155	11 11.8
	8	18 19 26.16	6 44.14	24 11 48.2	2 31.7	0.138 7316	2 1355	11 14.6
	9	18 26 10.30	6 46.18	24 14 19.9	1 14.0	0.140 8671	1 9593	11 17.4
	10	18 32 56.48	6 48.10	24 15 33.9	0 5.0	0.142 8264	1 7866	11 20.2
	11	18 39 44.58	6 49.88	24 15 28.9	1 25.1	0.144 6130	1 6173	11 23.1
	12	18 46 34.46	6 51.54	−24 14 3.8	2 46.3	0.146 2303	1 4504	11 26.0
	13	18 53 26.00	6 53.09	24 11 17.5	4 8.5	0.147 6807	1 2850	11 28.9
	14	19 0 19.09	6 54.53	24 7 9.0	5 31.6	0.148 9657	1 1212	11 31.9
	15	19 7 13.62	6 55.85	24 1 37.4	6 55.8	0.150 0869	9583	11 34.9
	16	19 14 9.47	6 57.08	23 54 41.6	8 21.0	0.151 0452	7957	11 37.9
	17	19 21 6.55	6 58.19	23 46 20.6	9 46.8	0.151 8409	6329	11 40.9
	18	19 28 4.74	6 59.20	−23 36 33.8	11 13.5	0.152 4738	4693	11 43.9
	19	19 35 3.94	7 0.12	23 25 20.3	12 41.0	0.152 9431	3042	11 47.0
	20	19 42 4.06	7 0.93	23 12 39.3	14 9.1	0.153 2473	1371	11 50.1
	21	19 49 4.99	7 1.65	22 58 30.2	15 38.1	0.153 3844	327	11 53.2
	22	19 56 6.64	7 2.26	22 42 52.1	17 7.6	0.153 3517	2056	11 56.3
	23	20 3 8.90	7 2.78	22 25 44.5	18 37.6	0.153 1461	3824	11 59.4
	24	20 10 11.68	7 3.20	−22 7 6.9	20 8.2	0.152 7637	5641	12 2.5
	25	20 17 14.88	7 3.52	21 46 58.7	21 39.2	0.152 1996	7512	12 5.6
	26	20 24 18.40	7 3.74	21 25 19.5	23 10.6	0.151 4484	9445	12 8.7
	27	20 31 22.14	7 3.86	21 2 8.9	24 42.2	0.150 5039	1 1448	12 11.9
	28	20 38 26.00	7 3.85	20 37 26.7	26 14.0	0.149 3591	1 3530	12 15.0
	29	20 45 29.85	7 3.73	20 11 12.7	27 45.8	0.148 0061	1 5706	12 18.1
	30	20 52 33.58	7 3.48	−19 43 26.9	29 17.6	0.146 4355	1 7981	12 21.2
	31	20 59 37.06	7 3.09	19 14 9.3	30 49.2	0.144 6374	2 0367	12 24.4
Febr.	1	21 6 40.15	7 2.54	18 43 20.1	32 20.1	0.142 6007	2 2875	12 27.5
	2	21 13 42.69	7 1.80	18 11 0.0	33 50.5	0.140 3132	2 5518	12 30.6
	3	21 20 44.49	7 0.87	17 37 9.5	35 19.9	0.137 7614	2 8312	12 33.7
	4	21 27 45.36	6 59.70	17 1 49.6	36 48.1	0.134 9302	3 1265	12 36.7
	5	21 34 45.06	6 58.25	−16 25 1.5	38 14.4	0.131 8037	3 4392	12 39.8
	6	21 41 43.31	6 56.49	15 46 47.1	39 38.6	0.128 3645	3 7707	12 42.8
	7	21 48 39.80	6 54.37	15 7 8.5	41 0.2	0.124 5938	4 1225	12 45.8
	8	21 55 34.17	6 51.82	14 26 8.3	42 18.5	0.120 4713	4 4957	12 48.7
	9	22 2 25.99	6 48.76	13 43 49.8	43 32.6	0.115 9756	4 8912	12 51.6
	10	22 9 14.75		−13 0 17.2		0.111 0844		12 54.5

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927	h m s	m s	° ′ ″	′ ″			h m
Febr. 10	22 9 14.75	6 45.11	−13 0 17.2	44 41.9	0.111 0844	5 3104	12 54.5
11	22 15 59.86	6 40.80	12 15 35.3	45 45.3	0.105 7740	5 7539	12 57.3
12	22 22 40.66	6 35.70	11 29 50.0	46 41.7	0.100 0201	6 2217	13 0.0
13	22 29 16.36	6 29.68	10 43 8.3	47 29.9	0.093 7984	6 7137	13 2.6
14	22 35 46.04	6 22.61	9 55 38.4	48 8.4	0.087 0847	7 2289	13 5.0
15	22 42 8.65	6 14.37	9 7 30.0	48 35.9	0.079 8558	7 7656	13 7.4
16	22 48 23.02	6 4.78	−8 18 54.1	48 50.7	0.072 0902	8 3209	13 9.6
17	22 54 27.80	5 53.71	7 30 3.4	48 51.0	0.063 7693	8 8912	13 11.7
18	23 0 21.51	5 40.99	6 41 12.4	48 35.4	0.054 8781	9 4706	13 13.5
19	23 6 2.50	5 26.48	5 52 37.0	48 2.2	0.045 4075	10 0528	13 15.1
20	23 11 28.98	5 10.07	5 4 34.8	47 9.9	0.035 3547	10 6301	13 16.5
21	23 16 39.05	4 51.66	4 17 24.9	45 57.0	0.024 7246	11 1929	13 17.5
22	23 21 30.71	4 31.17	−3 31 27.9	44 22.6	0.013 5317	11 7305	13 18.3
23	23 26 1.88	4 8.58	2 47 5.3	42 25.9	0.001 8012	12 2312	13 18.6
24	23 30 10.46	3 43.93	2 4 39.4	40 6.4	9.989 5700	12 6829	13 18.6
25	23 33 54.39	3 17.31	1 24 33.0	37 24.2	9.976 8871	13 0724	13 18.1
26	23 37 11.70	2 48.85	0 47 8.8	34 19.5	9.963 8147	13 3866	13 17.2
27	23 40 0.55	2 18.78	−0 12 49.3	30 53.4	9.950 4281	13 6131	13 15.8
28	23 42 19.33	1 47.37	+0 18 4.1	27 7.0	9.936 8150	13 7389	13 13.9
März 1	23 44 6.70	1 14.96	0 45 11.1	23 2.3	9.923 0761	13 7531	13 11.5
2	23 45 21.66	0 41.98	1 8 13.4	18 41.5	9.909 3230	13 6450	13 8.5
3	23 46 3.64	0 8.90	1 26 54.9	14 7.3	9.895 6780	13 4065	13 5.0
4	23 46 12.54	0 23.76	1 41 2.2	9 23.3	9.882 2715	13 0317	13 0.9
5	23 45 48.78	0 55.39	1 50 25.5	4 33.3	9.869 2398	12 5164	12 56.3
6	23 44 53.39	1 25.37	+1 54 58.8	0 18.0	9.856 7234	11 8603	12 51.2
7	23 43 28.02	1 53.08	1 54 40.8	5 5.5	9.844 8631	11 0675	12 45.6
8	23 41 34.94	2 17.90	1 49 35.3	9 43.5	9.833 7956	10 1456	12 39.5
9	23 39 17.04	2 39.26	1 39 51.8	14 6.3	9.823 6500	9 1064	12 33.1
10	23 36 37.78	2 56.66	1 25 45.5	18 8.2	9.814 5436	7 9677	12 26.4
11	23 33 41.12	3 9.74	1 7 37.3	21 43.7	9.806 5759	6 7498	12 19.4
12	23 30 31.38	3 18.24	+0 45 53.6	24 48.2	9.799 8261	5 4769	12 12.3
13	23 27 13.14	3 22.07	+0 21 5.4	27 18.2	9.794 3492	4 1756	12 5.0
14	23 23 51.07	3 21.34	−0 6 12.8	29 11.4	9.790 1736	2 8723	11 57.7
15	23 20 29.73	3 16.27	0 35 24.2	30 26.8	9.787 3013	1 5928	11 50.5
16	23 17 13.46	3 7.21	1 5 51.0	31 5.2	9.785 7085	3603	11 43.4
17	23 14 6.25	2 54.65	1 36 56.2	31 8.3	9.785 3482	8047	11 36.5
18	23 11 11.60	2 39.12	−2 8 4.5	30 39.1	9.786 1529	1 8871	11 29.8
19	23 8 32.48	2 21.16	2 38 43.6	29 41.3	9.788 0400	2 8757	11 23.4
20	23 6 11.32	2 1.35	3 8 24.9	28 18.8	9.790 9157	3 7634	11 17.2
21	23 4 9.97	1 40.24	3 36 43.7	26 36.1	9.794 6791	4 5486	11 11.4
22	23 2 29.73	1 18.31	4 3 19.8	24 37.3	9.799 2277	5 2320	11 6.0
23	23 1 11.42		−4 27 57.1		9.804 4597		11 1.0

Tag	0h Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927	h m s	m s	° ′ ″	′ ″			h m
März 23	23 1 11.42	0 55.98	−4 27 57.1	22 26.0	9.804 4597	5 8169	11 1.0
24	23 0 15.44	0 33.62	4 50 23.1	20 5.9	9.810 2766	6 3092	10 56.3
25	22 59 41.82	0 11.52	5 10 29.0	17 40.0	9.816 5858	6 7169	10 52.0
26	22 59 30.30	0 10.05	5 28 9.0	15 10.8	9.823 3027	7 0472	10 48.0
27	22 59 40.35	0 30.94	5 43 19.8	12 40.2	9.830 3499	7 3082	10 44.4
28	23 0 11.29	0 51.03	5 56 0.0	10 9.8	9.837 6581	7 5084	10 41.1
29	23 1 2.32	1 10.22	−6 6 9.8	7 41.1	9.845 1665	7 6557	10 38.2
30	23 2 12.54	1 28.46	6 13 50.9	5 14.9	9.852 8222	7 7571	10 35.6
31	23 3 41.00	1 45.73	6 19 5.8	2 51.9	9.860 5793	7 8192	10 33.2
April 1	23 5 26.73	2 2.04	6 21 57.7	0 32.7	9.868 3985	7 8484	10 31.2
2	23 7 28.77	2 17.40	6 22 30.4	1 42.6	9.876 2469	7 8497	10 29.4
3	23 9 46.17	2 31.83	6 20 47.8	3 53.9	9.884 0966	7 8279	10 27.8
4	23 12 18.00	2 45.41	−6 16 53.9	6 0.9	9.891 9245	7 7874	10 26.5
5	23 15 3.41	2 58.16	6 10 53.0	8 3.7	9.899 7119	7 7314	10 25.4
6	23 18 1.57	3 10.14	6 2 49.3	10 2.3	9.907 4433	7 6625	10 24.5
7	23 21 11.71	3 21.41	5 52 47.0	11 57.0	9.915 1058	7 5836	10 23.8
8	23 24 33.12	3 32.01	5 40 50.0	13 48.0	9.922 6894	7 4972	10 23.3
9	23 28 5.13	3 42.00	5 27 2.0	15 35.2	9.930 1866	7 4045	10 23.0
10	23 31 47.13	3 51.45	−5 11 26.8	17 18.7	9.937 5911	7 3070	10 22.8
11	23 35 38.58	4 0.39	4 54 8.1	18 58.9	9.944 8981	7 2061	10 22.8
12	23 39 38.97	4 8.87	4 35 9.2	20 35.8	9.952 1042	7 1025	10 22.9
13	23 43 47.84	4 16.96	4 14 33.4	22 9.5	9.959 2067	6 9972	10 23.2
14	23 48 4.80	4 24.68	3 52 23.9	23 40.3	9.966 2039	6 8906	10 23.6
15	23 52 29.48	4 32.10	3 28 43.6	25 8.3	9.973 0945	6 7831	10 24.1
16	23 57 1.58	4 39.24	−3 3 35.3	26 33.3	9.979 8776	6 6750	10 24.8
17	0 1 40.82	4 46.15	2 37 2.0	27 55.8	9.986 5526	6 5667	10 25.5
18	0 6 26.97	4 52.86	2 9 6.2	29 15.8	9.993 1193	6 4582	10 26.4
19	0 11 19.83	4 59.42	1 39 50.4	30 33.3	9.999 5775	6 3492	10 27.4
20	0 16 19.25	5 5.86	1 9 17.1	31 48.2	0.005 9267	6 2400	10 28.5
21	0 21 25.11	5 12.22	0 37 28.9	33 0.9	0.012 1667	6 1299	10 29.7
22	0 26 37.33	5 18.52	−0 4 28.0	34 11.3	0.018 2966	6 0188	10 31.0
23	0 31 55.85	5 24.81	+0 29 43.3	35 19.3	0.024 3154	5 9065	10 32.4
24	0 37 20.66	5 31.11	1 5 2.6	36 25.0	0.030 2219	5 7927	10 33.9
25	0 42 51.77	5 37.43	1 41 27.6	37 28.3	0.036 0146	5 6762	10 35.5
26	0 48 29.20	5 43.83	2 18 55.9	38 29.3	0.041 6908	5 5570	10 37.3
27	0 54 13.03	5 50.32	2 57 25.2	39 27.9	0.047 2478	5 4348	10 39.1
28	1 0 3.35	5 56.94	+3 36 53.1	40 24.0	0.052 6826	5 3081	10 41.1
29	1 6 0.29	6 3.70	4 17 17.1	41 17.4	0.057 9907	5 1763	10 43.1
30	1 12 3.99	6 10.63	4 58 34.5	42 8.0	0.063 1670	5 0387	10 45.3
Mai 1	1 18 14.62	6 17.74	5 40 42.5	42 55.6	0.068 2057	4 8944	10 47.6
2	1 24 32.36	6 25.08	6 23 38.1	43 40.1	0.073 1001	4 7422	10 50.0
3	1 30 57.44		+7 7 18.2		0.077 8423		10 52.5

Tag		0h Welt-Zeit: Scheinbare Rektaszension h m s	Diff. m s	0h Welt-Zeit: Scheinbare Deklination ° ′ ″	Diff. ′ ″	0h Welt-Zeit: log Δ	Diff.	Obere Kulmination in Greenwich h m
1927								
Mai	3	1 30 57.44	6 32.63	+ 7 7 18.2	44 21.2	0.077 8423	4 5810	10 52.5
	4	1 37 30.07	6 40.42	7 51 39.4	44 58.5	0.082 4233	4 4094	10 55.2
	5	1 44 10.49	6 48.48	8 36 37.9	45 31.7	0.086 8327	4 2263	10 58.0
	6	1 50 58.97	6 56.79	9 22 9.6	46 0.5	0.091 0590	4 0301	11 0.9
	7	1 57 55.76	7 5.33	10 8 10.1	46 24.1	0.095 0891	3 8193	11 4.0
	8	2 5 1.09	7 14.14	10 54 34.2	46 42.3	0.098 9084	3 5927	11 7.2
	9	2 12 15.23	7 23.16	+11 41 16.5	46 54.3	0.102 5011	3 3487	11 10.6
	10	2 19 38.39	7 32.36	12 28 10.8	46 59.4	0.105 8498	3 0854	11 14.1
	11	2 27 10.75	7 41.71	13 15 10.2	46 57.2	0.108 9352	2 8020	11 17.8
	12	2 34 52.46	7 51.14	14 2 7.4	46 46.4	0.111 7372	2 4972	11 21.6
	13	2 42 43.60	8 0.59	14 48 53.8	46 26.5	0.114 2344	2 1703	11 25.6
	14	2 50 44.19	8 9.94	15 35 20.3	45 56.7	0.116 4047	1 8203	11 29.8
	15	2 58 54.13	8 19.10	+16 21 17.0	45 16.4	0.118 2250	1 4474	11 34.1
	16	3 7 13.23	8 27.95	17 6 33.4	44 24.7	0.119 6724	1 0525	11 38.6
	17	3 15 41.18	8 36.33	17 50 58.1	43 21.0	0.120 7249	6362	11 43.2
	18	3 24 17.51	8 44.13	18 34 19.1	42 5.0	0.121 3611	2008	11 47.9
	19	3 33 1.64	8 51.17	19 16 24.1	40 36.7	0.121 5619	2513	11 52.8
	20	3 41 52.81	8 57.29	19 57 0.8	38 56.1	0.121 3106	7167	11 57.8
	21	3 50 50.10	9 2.38	+20 35 56.9	37 3.6	0.120 5939	1 1920	12 2.9
	22	3 59 52.48	9 6.30	21 13 0.5	34 59.8	0.119 4019	1 6726	12 8.0
	23	4 8 58.78	9 8.96	21 48 0.3	32 45.9	0.117 7293	2 1532	12 13.2
	24	4 18 7.74	9 10.26	22 20 46.2	30 23.1	0.115 5761	2 6294	12 18.4
	25	4 27 18.00	9 10.18	22 51 9.3	27 53.0	0.112 9467	3 0974	12 23.7
	26	4 36 28.18	9 8.71	23 19 2.3	25 17.1	0.109 8493	3 5526	12 28.9
	27	4 45 36.89	9 5.87	+23 44 19.4	22 37.1	0.106 2967	3 9909	12 34.1
	28	4 54 42.76	9 1.72	24 6 56.5	19 54.8	0.102 3058	4 4097	12 39.2
	29	5 3 44.48	8 56.30	24 26 51.3	17 11.9	0.097 8961	4 8069	12 44.3
	30	5 12 40.78	8 49.72	24 44 3.2	14 29.6	0.093 0892	5 1808	12 49.3
	31	5 21 30.50	8 42.10	24 58 32.8	11 49.7	0.087 9084	5 5305	12 54.1
Juni	1	5 30 12.60	8 33.50	25 10 22.5	9 13.2	0.082 3779	5 8560	12 58.8
	2	5 38 46.10	8 24.05	+25 19 35.7	6 40.9	0.076 5219	6 1572	13 3.3
	3	5 47 10.15	8 13.87	25 26 16.6	4 13.9	0.070 3647	6 4350	13 7.7
	4	5 55 24.02	8 3.04	25 30 30.5	1 52.9	0.063 9297	6 6905	13 11.9
	5	6 3 27.06	7 51.63	25 32 23.4	0 21.9	0.057 2392	6 9249	13 15.9
	6	6 11 18.69	7 39.73	25 32 1.5	2 30.1	0.050 3143	7 1395	13 19.8
	7	6 18 58.42	7 27.44	25 29 31.4	4 31.3	0.043 1748	7 3356	13 23.4
	8	6 26 25.86	7 14.80	+25 25 0.1	6 25.5	0.035 8392	7 5144	13 26.8
	9	6 33 40.66	7 1.84	25 18 34.6	8 12.5	0.028 3248	7 6776	13 30.0
	10	6 40 42.50	6 48.61	25 10 22.1	9 52.4	0.020 6472	7 8263	13 32.9
	11	6 47 31.11	6 35.15	25 0 29.7	11 25.3	0.012 8209	7 9616	13 35.7
	12	6 54 6.26	6 21.48	24 49 4.4	12 51.1	0.004 8593	8 0845	13 38.2
	13	7 0 27.74		+24 36 13.3		9.996 7748		13 40.5

Tag	0h Welt-Zeit: Scheinbare Rektaszension (h m s)	Diff. (m s)	0h Welt-Zeit: Scheinbare Deklination (° ′ ″)	Diff. (′ ″)	0h Welt-Zeit: log Δ	Diff.	Obere Kulmination in Greenwich (h m)
1927							
Juni 13	7 0 27.74	6 7.63	+24 36 13.3	14 10.1	9.996 7748	8 1956	13 40.5
14	7 6 35.37	5 53.57	24 22 3.2	15 22.1	9.988 5792	8 2958	13 42.6
15	7 12 28.94	5 39.34	24 6 41.1	16 27.5	9.980 2834	8 3856	13 44.4
16	7 18 8.28	5 24.96	23 50 13.6	17 26.2	9.971 8978	8 4655	13 46.0
17	7 23 33.24	5 10.37	23 32 47.4	18 18.4	9.963 4323	8 5355	13 47.3
18	7 28 43.61	4 55.59	23 14 29.0	19 4.2	9.954 8968	8 5958	13 48.4
19	7 33 39.20	4 40.63	+22 55 24.8	19 43.5	9.946 3010	8 6462	13 49.2
20	7 38 19.83	4 25.45	22 35 41.3	20 16.7	9.937 6548	8 6864	13 49.8
21	7 42 45.28	4 10.02	22 15 24.6	20 43.5	9.928 9684	8 7160	13 50.1
22	7 46 55.30	3 54.37	21 54 41.1	21 4.1	9.920 2524	8 7341	13 50.2
23	7 50 49.67	3 38.43	21 33 37.0	21 18.5	9.911 5183	8 7401	13 50.0
24	7 54 28.10	3 22.21	21 12 18.5	21 26.7	9.902 7782	8 7325	13 49.6
25	7 57 50.31	3 5.70	+20 50 51.8	21 28.7	9.894 0457	8 7102	13 48.8
26	8 0 56.01	2 48.87	20 29 23.1	21 24.4	9.885 3355	8 6714	13 47.8
27	8 3 44.88	2 31.72	20 7 58.7	21 13.8	9.876 6641	8 6143	13 46.5
28	8 6 16.60	2 14.23	19 46 44.9	20 56.8	9.868 0498	8 5366	13 45.0
29	8 8 30.83	1 56.40	19 25 48.1	20 33.6	9.859 5132	8 4357	13 43.1
30	8 10 27.23	1 38.26	19 5 14.5	20 3.8	9.851 0775	8 3092	13 40.9
Juli 1	8 12 5.49	1 19.81	+18 45 10.7	19 27.6	9.842 7683	8 1540	13 38.4
2	8 13 25.30	1 1.11	18 25 43.1	18 44.9	9.834 6143	7 9667	13 35.7
3	8 14 26.41	0 42.18	18 6 58.2	17 55.9	9.826 6476	7 7441	13 32.6
4	8 15 8.59	0 23.11	17 49 2.3	17 0.4	9.818 9035	7 4827	13 29.2
5	8 15 31.70	0 3.97	17 32 1.9	15 58.6	9.811 4208	7 1788	13 25.4
6	8 15 35.67	0 15.12	17 16 3.3	14 50.6	9.804 2420	6 8292	13 21.4
7	8 15 20.55	0 34.01	+17 1 12.7	13 36.8	9.797 4128	6 4299	13 17.0
8	8 14 46.54	0 52.56	16 47 35.9	12 17.6	9.790 9829	5 9785	13 12.3
9	8 13 53.98	1 10.57	16 35 18.3	10 53.2	9.785 0044	5 4725	13 7.4
10	8 12 43.41	1 27.85	16 24 25.1	9 24.1	9.779 5319	4 9102	13 2.1
11	8 11 15.56	1 44.14	16 15 1.0	7 51.1	9.774 6217	4 2906	12 56.6
12	8 9 31.42	1 59.19	16 7 9.9	6 15.1	9.770 3311	3 6136	12 50.8
13	8 7 32.23	2 12.73	+16 0 54.8	4 36.5	9.766 7175	2 8814	12 44.8
14	8 5 19.50	2 24.52	15 56 18.3	2 56.8	9.763 8361	2 0971	12 38.5
15	8 2 54.98	2 34.28	15 53 21.5	1 17.0	9.761 7390	1 2654	12 32.1
16	8 0 20.70	2 41.75	15 52 4.5	0 22.2	9.760 4736	3925	12 25.6
17	7 57 38.95	2 46.72	15 52 26.7	1 59.4	9.760 0811	5139	12 18.9
18	7 54 52.23	2 49.02	15 54 26.1	3 33.5	9.760 5950	1 4445	12 12.2
19	7 52 3.21	2 48.52	+15 57 59.6	5 3.3	9.762 0395	2 3890	12 5.5
20	7 49 14.69	2 45.13	16 3 2.9	6 28.0	9.764 4285	3 3365	11 58.8
21	7 46 29.56	2 38.87	16 9 30.9	7 46.5	9.767 7650	4 2764	11 52.2
22	7 43 50.69	2 29.77	16 17 17.4	8 58.0	9.772 0414	5 1974	11 45.7
23	7 41 20.92	2 17.91	16 26 15.4	10 2.0	9.777 2388	6 0889	11 39.4
24	7 39 3.01		+16 36 17.4		9.783 3277		11 33.3

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927		h m s	m s	° ′ ″	′ ″			h m
Juli	24	7 39 3.01	2 3.49	+16 36 17.4	10 57.8	9.783 3277	6 9418	11 33.3
	25	7 36 59.52	1 46.67	16 47 15.2	11 44.8	9.790 2695	7 7476	11 27.4
	26	7 35 12.85	1 27.67	16 59 0.0	12 22.7	9.798 0171	8 4992	11 21.8
	27	7 33 45.18	1 6.77	17 11 22.7	12 51.4	9.806 5163	9 1913	11 16.6
	28	7 32 38.41	0 44.21	17 24 14.1	13 10.4	9.815 7076	9 8197	11 11.8
	29	7 31 54.20	0 20.25	17 37 24.5	13 19.7	9.825 5273	10 3820	11 7.3
	30	7 31 33.95	0 4.86	+17 50 44.2	13 19.0	9.835 9093	10 8764	11 3.2
	31	7 31 38.81	0 30.87	18 4 3.2	13 8.1	9.846 7857	11 3019	10 59.5
Aug.	1	7 32 9.68	0 57.57	18 17 11.3	12 47.0	9.858 0876	11 6595	10 56.3
	2	7 33 7.25	1 24.73	18 29 58.3	12 15.6	9.869 7471	11 9502	10 53.6
	3	7 34 31.98	1 52.15	18 42 13.9	11 33.5	9.881 6973	12 1748	10 51.2
	4	7 36 24.13	2 19.66	18 53 47.4	10 40.6	9.893 8721	12 3350	10 49.4
	5	7 38 43.79	2 47.09	+19 4 28.0	9 36.9	9.906 2071	12 4329	10 48.0
	6	7 41 30.88	3 14.26	19 14 4.9	8 22.2	9.918 6400	12 4699	10 47.0
	7	7 44 45.14	3 41.01	19 22 27.1	6 56.5	9.931 1099	12 4479	10 46.5
	8	7 48 26.15	4 7.21	19 29 23.6	5 19.8	9.943 5578	12 3687	10 46.4
	9	7 52 33.36	4 32.68	19 34 43.4	3 32.3	9.955 9265	12 2343	10 46.8
	10	7 57 6.04	4 57.24	19 38 15.7	1 34.2	9.968 1608	12 0456	10 47.6
	11	8 2 3.28	5 20.75	+19 39 49.9	0 34.0	9.980 2064	11 8052	10 48.8
	12	8 7 24.03	5 43.04	19 39 15.9	2 51.5	9.992 0116	11 5154	10 50.4
	13	8 13 7.07	6 3.90	19 36 24.4	5 17.3	0.003 5270	11 1786	10 52.3
	14	8 19 10.97	6 23.20	19 31 7.1	7 50.2	0.014 7056	10 7983	10 54.6
	15	8 25 34.17	6 40.77	19 23 16.9	10 29.1	0.025 5039	10 3776	10 57.2
	16	8 32 14.94	6 56.49	19 12 47.8	13 11.9	0.035 8815	9 9216	11 0.0
	17	8 39 11.43	7 10.24	+18 59 35.9	15 56.8	0.045 8031	9 4352	11 3.2
	18	8 46 21.67	7 21.96	18 43 39.1	18 42.2	0.055 2383	8 9241	11 6.5
	19	8 53 43.63	7 31.61	18 24 56.9	21 25.7	0.064 1624	8 3944	11 10.0
	20	9 1 15.24	7 39.22	18 3 31.2	24 5.6	0.072 5568	7 8525	11 13.6
	21	9 8 54.46	7 44.83	17 39 25.6	26 39.9	0.080 4093	7 3049	11 17.4
	22	9 16 39.29	7 48.56	17 12 45.7	29 7.3	0.087 7142	6 7574	11 21.3
	23	9 24 27.85	7 50.54	+16 43 38.4	31 26.3	0.094 4716	6 2157	11 25.2
	24	9 32 18.39	7 50.92	16 12 12.1	33 35.8	0.100 6873	5 6847	11 29.1
	25	9 40 9.31	7 49.88	15 38 36.3	35 35.3	0.106 3720	5 1688	11 33.0
	26	9 47 59.19	7 47.62	15 3 1.0	37 24.4	0.111 5408	4 6712	11 36.9
	27	9 55 46.81	7 44.33	14 25 36.6	39 2.7	0.116 2120	4 1945	11 40.7
	28	10 3 31.14	7 40.19	13 46 33.9	40 30.5	0.120 4065	3 7401	11 44.5
	29	10 11 11.33	7 35.36	+13 6 3.4	41 48.0	0.124 1466	3 3092	11 48.2
	30	10 18 46.69	7 30.02	12 24 15.4	42 55.6	0.127 4558	2 9021	11 51.8
	31	10 26 16.71	7 24.30	11 41 19.8	43 54.0	0.130 3579	2 5185	11 55.3
Sept.	1	10 33 41.01	7 18.32	10 57 25.8	44 43.6	0.132 8764	2 1576	11 58.7
	2	10 40 59.33	7 12.17	10 12 42.2	45 25.1	0.135 0340	1 8190	12 2.0
	3	10 48 11.50		+ 9 27 17.1		0.136 8530		12 5.3

Tag	0ʰ Welt-Zeit: Scheinbare Rektaszension	Diff.	Scheinbare Deklination	Diff.	log Δ	Diff.	Obere Kulmination in Greenwich
1927	h m s	m s	° ′ ″	′ ″			h m
Sept. 3	10 48 11.50	7 5.97	+ 9 27 17.1	45 59.1	0.136 8530	1 5010	12 5.3
4	10 55 17.47	6 59.77	8 41 18.0	46 26.3	0.138 3540	1 2025	12 8.4
5	11 2 17.24	6 53.62	7 54 51.7	46 47.3	0.139 5565	9222	12 11.4
6	11 9 10.86	6 47.60	7 8 4.4	47 2.5	0.140 4787	6590	12 14.3
7	11 15 58.46	6 41.73	6 21 1.9	47 12.5	0.141 1377	4108	12 17.1
8	11 22 40.19	6 36.02	5 33 49.4	47 17.9	0.141 5485	1762	12 19.8
9	11 29 16.21	6 30.51	+ 4 46 31.5	47 19.0	0.141 7247	453	12 22.4
10	11 35 46.72	6 25.21	3 59 12.5	47 16.3	0.141 6794	2556	12 24.9
11	11 42 11.93	6 20.14	3 11 56.2	47 10.0	0.141 4238	4561	12 27.4
12	11 48 32.07	6 15.28	2 24 46.2	47 0.7	0.140 9677	6475	12 29.7
13	11 54 47.35	6 10.65	1 37 45.5	46 48.5	0.140 3202	8313	12 32.0
14	12 0 58.00	6 6.25	0 50 57.0	46 33.6	0.139 4889	1 0083	12 34.2
15	12 7 4.25	6 2.06	+ 0 4 23.4	46 16.3	0.138 4806	1 1796	12 36.3
16	12 13 6.31	5 58.08	— 0 41 52.9	45 56.8	0.137 3010	1 3460	12 38.4
17	12 19 4.39	5 54.31	1 27 49.7	45 35.3	0.135 9550	1 5085	12 40.4
18	12 24 58.70	5 50.73	2 13 25.0	45 11.9	0.134 4465	1 6678	12 42.3
19	12 30 49.43	5 47.33	2 58 36.9	44 46.5	0.132 7787	1 8245	12 44.2
20	12 36 36.76	5 44.11	3 43 23.4	44 19.6	0.130 9542	1 9794	12 46.0
21	12 42 20.87	5 41.05	— 4 27 43.0	43 51.0	0.128 9748	2 1332	12 47.8
22	12 48 1.92	5 38.12	5 11 34.0	43 20.9	0.126 8416	2 2864	12 49.5
23	12 53 40.04	5 35.34	5 54 54.9	42 49.3	0.124 5552	2 4396	12 51.2
24	12 59 15.38	5 32.68	6 37 44.2	42 16.1	0.122 1156	2 5935	12 52.8
25	13 4 48.06	5 30.11	7 20 0.3	41 41.6	0.119 5221	2 7484	12 54.4
26	13 10 18.17	5 27.64	8 1 41.9	41 5.7	0.116 7737	2 9047	12 55.9
27	13 15 45.81	5 25.24	— 8 42 47.6	40 28.4	0.113 8690	3 0633	12 57.4
28	13 21 11.05	5 22.89	9 23 16.0	39 49.6	0.110 8057	3 2246	12 58.9
29	13 26 33.94	5 20.57	10 3 5.6	39 9.4	0.107 5811	3 3887	13 0.3
30	13 31 54.51	5 18.28	10 42 15.0	38 27.7	0.104 1924	3 5564	13 1.7
Okt. 1	13 37 12.79	5 15.97	11 20 42.7	37 44.6	0.100 6360	3 7281	13 3.0
2	13 42 28.76	5 13.62	11 58 27.3	36 59.9	0.096 9079	3 9042	13 4.3
3	13 47 42.38	5 11.23	—12 35 27.2	36 13.6	0.093 0037	4 0852	13 5.6
4	13 52 53.61	5 8.74	13 11 40.8	35 25.6	0.088 9185	4 2712	13 6.8
5	13 58 2.35	5 6.14	13 47 6.4	34 35.9	0.084 6473	4 4633	13 8.0
6	14 3 8.49	5 3.39	14 21 42.3	33 44.4	0.080 1840	4 6612	13 9.1
7	14 8 11.88	5 0.44	14 55 26.7	32 51.0	0.075 5228	4 8654	13 10.2
8	14 13 12.32	4 57.27	15 28 17.7	31 55.4	0.070 6574	5 0769	13 11.2
9	14 18 9.59	4 53.82	—16 0 13.1	30 57.7	0.065 5805	5 2954	13 12.2
10	14 23 3.41	4 50.05	16 31 10.8	29 57.7	0.060 2851	5 5214	13 13.1
11	14 27 53.46	4 45.89	17 1 8.5	28 55.1	0.054 7637	5 7552	13 14.0
12	14 32 39.35	4 41.29	17 30 3.6	27 49.9	0.049 0085	5 9973	13 14.8
13	14 37 20.64	4 36.18	17 57 53.5	26 41.9	0.043 0112	6 2473	13 15.5
14	14 41 56.82		—18 24 35.4		0.036 7639		13 16.1

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927	h m s	m s	° ′ ″	′ ″			h m
Okt. 14	14 41 56.82	4 30.48	−18 24 35.4	25 30.7	0.036 7639	6 5056	13 16.1
15	14 46 27.30	4 24.09	18 50 6.1	24 16.0	0.030 2583	6 7721	13 16.6
16	14 50 51.39	4 16.92	19 14 22.1	22 57.5	0.023 4862	7 0464	13 17.0
17	14 55 8.31	4 8.85	19 37 19.6	21 35.0	0.016 4398	7 3277	13 17.3
18	14 59 17.16	3 59.78	19 58 54.6	20 8.0	0.009 1121	7 6148	13 17.4
19	15 3 16.94	3 49.56	20 19 2.6	18 35.8	0.001 4973	7 9068	13 17.3
20	15 7 6.50	3 38.07	−20 37 38.4	16 58.1	9.993 5905	8 2016	13 17.1
21	15 10 44.57	3 25.14	20 54 36.5	15 14.3	9.985 3889	8 4963	13 16.7
22	15 14 9.71	3 10.59	21 9 50.8	13 23.6	9.976 8926	8 7874	13 16.0
23	15 17 20.30	2 54.26	21 23 14.4	11 25.0	9.968 1052	9 0702	13 15.1
24	15 20 14.56	2 35.99	21 34 39.4	9 17.9	9.959 0350	9 3388	13 13.9
25	15 22 50.55	2 15.58	21 43 57.3	7 1.4	9.949 6962	9 5853	13 12.4
26	15 25 6.13	1 52.89	−21 50 58.7	4 34.2	9.940 1109	9 8004	13 10.5
27	15 26 59.02	1 27.79	21 55 32.9	1 55.2	9.930 3105	9 9723	13 8.2
28	15 28 26.81	1 0.17	21 57 28.1	0 56.5	9.920 3382	10 0861	13 5.5
29	15 29 26.98	0 30.05	21 56 31.6	4 1.8	9.910 2521	10 1246	13 2.3
30	15 29 57.03	0 2.47	21 52 29.8	7 21.6	9.900 1275	10 0678	12 58.6
31	15 29 54.56	0 37.16	21 45 8.2	10 55.7	9.890 0597	9 8925	12 54.3
Nov. 1	15 29 17.40	1 13.58	−21 34 12.5	14 43.5	9.880 1672	9 5729	12 49.5
2	15 28 3.82	1 51.05	21 19 29.0	18 42.8	9.870 5943	9 0831	12 44.0
3	15 26 12.77	2 28.62	21 0 46.2	22 50.0	9.861 5112	8 3982	12 37.9
4	15 23 44.15	3 5.09	20 37 56.2	26 59.1	9.853 1130	7 4965	12 31.2
5	15 20 39.06	3 39.00	20 10 57.1	31 1.8	9.845 6165	6 3643	12 23.9
6	15 17 0.06	4 8.63	19 39 55.3	34 46.9	9.839 2522	5 0002	12 16.1
7	15 12 51.43	4 32.31	−19 5 8.4	38 1.5	9.834 2520	3 4188	12 7.8
8	15 8 19.12	4 48.44	18 27 6.9	40 32.0	9.830 8332	1 6531	11 59.2
9	15 3 30.68	4 55.75	17 46 34.9	42 5.0	9.829 1801	2455	11 50.5
10	14 58 34.93	4 53.50	17 4 29.9	42 30.0	9.829 4256	2 2089	11 41.6
11	14 53 41.43	4 41.59	16 21 59.9	41 41.4	9.831 6345	4 1596	11 32.9
12	14 48 59.84	4 20.60	15 40 18.5	39 38.8	9.835 7941	6 0195	11 24.5
13	14 44 39.24	3 51.70	−15 0 39.7	36 28.0	9.841 8136	7 7183	11 16.5
14	14 40 47.54	3 16.49	14 24 11.7	32 19.8	9.849 5319	9 2006	11 9.0
15	14 37 31.05	2 36.78	13 51 51.9	27 28.3	9.858 7325	10 4310	11 2.1
16	14 34 54.27	1 54.43	13 24 23.6	22 8.9	9.869 1635	11 3942	10 55.9
17	14 32 59.84	1 11.12	13 2 14.7	16 37.0	9.880 5577	12 0937	10 50.4
18	14 31 48.72	0 28.25	12 45 37.7	11 5.6	9.892 6514	12 5467	10 45.6
19	14 31 20.47	0 13.09	−12 34 32.1	5 45.5	9.905 1981	12 7800	10 41.5
20	14 31 33.56	0 52.11	12 28 46.6	0 44.7	9.917 9781	12 8258	10 38.1
21	14 32 25.67	1 28.29	12 28 1.9	3 51.4	9.930 8039	12 7169	10 35.3
22	14 33 53.96	2 1.42	12 31 53.3	8 0.0	9.943 5208	12 4854	10 33.1
23	14 35 55.38	2 31.41	12 39 53.3	11 40.1	9.956 0062	12 1603	10 31.4
24	14 38 26.79		−12 51 33.4		9.968 1665		10 30.2

Tag	0h Welt-Zeit: Scheinbare Rektaszension		0h Welt-Zeit: Scheinbare Deklination		0h Welt-Zeit: log Δ		Obere Kulmination in Greenwich
1927	h m s	m s	° ′ ″	′ ″			h m
Nov. 24	14 38 26.79	2 58.34	−12 51 33.4	14 51.6	9.968 1665	11 7670	10 30.2
25	14 41 25.13	3 22.37	13 6 25.0	17 35.5	9.979 9335	11 3264	10 29.4
26	14 44 47.50	3 43.71	13 24 0.5	19 53.9	9.991 2599	10 8559	10 29.0
27	14 48 31.21	4 2.60	13 43 54.4	21 48.6	0.002 1158	10 3690	10 28.9
28	14 52 33.81	4 19.30	14 5 43.0	23 21.9	0.012 4848	9 8768	10 29.1
29	14 56 53.11	4 34.06	14 29 4.9	24 35.9	0.022 3616	9 3871	10 29.6
30	15 1 27.17	4 47.12	−14 53 40.8	25 32.6	0.031 7487	8 9055	10 30.3
Dez. 1	15 6 14.29	4 58.67	15 19 13.4	26 14.0	0.040 6542	8 4365	10 31.3
2	15 11 12.96	5 8.91	15 45 27.4	26 42.1	0.049 0907	7 9829	10 32.4
3	15 16 21.87	5 18.05	16 12 9.5	26 58.3	0.057 0736	7 5464	10 33.7
4	15 21 39.92	5 26.22	16 39 7.8	27 4.0	0.064 6200	7 1278	10 35.1
5	15 27 6.14	5 33.55	17 6 11.8	27 0.6	0.071 7478	6 7277	10 36.6
6	15 32 39.69	5 40.16	−17 33 12.4	26 49.1	0.078 4755	6 3459	10 38.3
7	15 38 19.85	5 46.16	18 0 1.5	26 30.5	0.084 8214	5 9822	10 40.1
8	15 44 6.01	5 51.63	18 26 32.0	26 5.6	0.090 8036	5 6357	10 41.9
9	15 49 57.64	5 56.66	18 52 37.6	25 35.1	0.096 4393	5 3057	10 43.9
10	15 55 54.30	6 1.29	19 18 12.7	24 59.8	0.101 7450	4 9913	10 45.9
11	16 1 55.59	6 5.59	19 43 12.5	24 19.9	0.106 7363	4 6916	10 48.0
12	16 8 1.18	6 9.61	−20 7 32.4	23 36.1	0.111 4279	4 4058	10 50.2
13	16 14 10.79	6 13.35	20 31 8.5	22 48.9	0.115 8337	4 1330	10 52.5
14	16 20 24.14	6 16.89	20 53 57.4	21 58.4	0.119 9667	3 8720	10 54.8
15	16 26 41.03	6 20.25	21 15 55.8	21 4.8	0.123 8387	3 6221	10 57.2
16	16 33 1.28	6 23.42	21 37 0.6	20 8.6	0.127 4608	3 3825	10 59.6
17	16 39 24.70	6 26.44	21 57 9.2	19 10.0	0.130 8433	3 1522	11 2.1
18	16 45 51.14	6 29.34	−22 16 19.2	18 9.1	0.133 9955	2 9309	11 4.6
19	16 52 20.48	6 32.11	22 34 28.3	17 6.0	0.136 9264	2 7172	11 7.2
20	16 58 52.59	6 34.75	22 51 34.3	16 1.0	0.139 6436	2 5106	11 9.8
21	17 5 27.34	6 37.30	23 7 35.3	14 54.1	0.142 1542	2 3107	11 12.5
22	17 12 4.64	6 39.74	23 22 29.4	13 45.4	0.144 4649	2 1166	11 15.2
23	17 18 44.38	6 42.09	23 36 14.8	12 35.0	0.146 5815	1 9277	11 17.9
24	17 25 26.47	6 44.34	−23 48 49.8	11 23.1	0.148 5092	1 7433	11 20.7
25	17 32 10.81	6 46.51	24 0 12.9	10 9.6	0.150 2525	1 5629	11 23.5
26	17 38 57.32	6 48.57	24 10 22.5	8 54.7	0.151 8154	1 3863	11 26.3
27	17 45 45.89	6 50.55	24 19 17.2	7 38.4	0.153 2017	1 2127	11 29.2
28	17 52 36.44	6 52.44	24 26 55.6	6 20.6	0.154 4144	1 0411	11 32.1
29	17 59 28.88	6 54.23	24 33 16.2	5 1.7	0.155 4555	8715	11 35.1
30	18 6 23.11	6 55.94	−24 38 17.9	3 41.4	0.156 3270	7033	11 38.1
31	18 13 19.05	6 57.54	24 41 59.3	2 19.9	0.157 0303	5362	11 41.1
32	18 20 16.59		−24 44 19.2		0.157 5665		11 44.1

Tag		0ʰ Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927		h m s	m s	° ′ ″	′ ″			h m
Jan.	0	19 18 56.72	5 25.90	−23 15 31.2	8 43.2	0.225 0855	4200	12 45.1
	1	19 24 22.62	5 25.13	23 6 48.0	9 25.7	0.224 6655	4305	12 46.6
	2	19 29 47.75	5 24.31	22 57 22.3	10 7.7	0.224 2350	4411	12 48.1
	3	19 35 12.06	5 23.45	22 47 14.6	10 49.4	0.223 7939	4517	12 49.5
	4	19 40 35.51	5 22.53	22 36 25.2	11 30.5	0.223 3422	4625	12 50.9
	5	19 45 58.04	5 21.57	22 24 54.7	12 11.2	0.222 8797	4733	12 52.4
	6	19 51 19.61	5 20.55	−22 12 43.5	12 51.4	0.222 4064	4839	12 53.8
	7	19 56 40.16	5 19.51	21 59 52.1	13 31.0	0.221 9225	4947	12 55.2
	8	20 1 59.67	5 18.41	21 46 21.1	14 10.1	0.221 4278	5055	12 56.5
	9	20 7 18.08	5 17.29	21 32 11.0	14 48.7	0.220 9223	5163	12 57.9
	10	20 12 35.37	5 16.13	21 17 22.3	15 26.4	0.220 4060	5269	12 59.2
	11	20 17 51.50	5 14.93	21 1 55.9	16 3.7	0.219 8791	5375	13 0.6
	12	20 23 6.43	5 13.72	−20 45 52.2	16 40.3	0.219 3416	5481	13 1.9
	13	20 28 20.15	5 12.49	20 29 11.9	17 16.3	0.218 7935	5587	13 3.1
	14	20 33 32.64	5 11.24	20 11 55.6	17 51.6	0.218 2348	5694	13 4.4
	15	20 38 43.88	5 9.96	19 54 4.0	18 26.2	0.217 6654	5799	13 5.6
	16	20 43 53.84	5 8.69	19 35 37.8	19 0.0	0.217 0855	5906	13 6.8
	17	20 49 2.53	5 7.41	19 16 37.8	19 33.3	0.216 4949	6013	13 8.0
	18	20 54 9.94	5 6.10	−18 57 4.5	20 5.7	0.215 8936	6119	13 9.2
	19	20 59 16.04	5 4.80	18 36 58.8	20 37.5	0.215 2817	6227	13 10.3
	20	21 4 20.84	5 3.49	18 16 21.3	21 8.5	0.214 6590	6335	13 11.5
	21	21 9 24.33	5 2.19	17 55 12.8	21 38.7	0.214 0255	6443	13 12.6
	22	21 14 26.52	5 0.90	17 33 34.1	22 8.3	0.213 3812	6553	13 13.6
	23	21 19 27.42	4 59.60	17 11 25.8	22 37.1	0.212 7259	6665	13 14.7
	24	21 24 27.02	4 58.31	−16 48 48.7	23 5.1	0.212 0594	6778	13 15.7
	25	21 29 25.33	4 57.04	16 25 43.6	23 32.3	0.211 3816	6891	13 16.8
	26	21 34 22.37	4 55.78	16 2 11.3	23 58.9	0.210 6925	7005	13 17.8
	27	21 39 18.15	4 54.52	15 38 12.4	24 24.5	0.209 9920	7121	13 18.7
	28	21 44 12.67	4 53.28	15 13 47.9	24 49.5	0.209 2799	7239	13 19.7
	29	21 49 5.95	4 52.06	14 48 58.4	25 13.6	0.208 5560	7358	13 20.6
	30	21 53 58.01	4 50.84	−14 23 44.8	25 36.9	0.207 8202	7479	13 21.5
	31	21 58 48.85	4 49.66	13 58 7.9	25 59.5	0.207 0723	7602	13 22.4
Febr.	1	22 3 38.51	4 48.51	13 32 8.4	26 21.3	0.206 3121	7727	13 23.3
	2	22 8 27.02	4 47.36	13 5 47.1	26 42.3	0.205 5394	7852	13 24.2
	3	22 13 14.38	4 46.23	12 39 4.8	27 2.4	0.204 7542	7978	13 25.0
	4	22 18 0.61	4 45.13	12 12 2.4	27 21.9	0.203 9564	8107	13 25.8
	5	22 22 45.74	4 44.07	−11 44 40.5	27 40.4	0.203 1457	8236	13 26.6
	6	22 27 29.81	4 43.01	11 17 0.1	27 58.1	0.202 3221	8367	13 27.4
	7	22 32 12.82	4 41.99	10 49 2.0	28 15.1	0.201 4854	8496	13 28.2
	8	22 36 54.81	4 41.01	10 20 46.9	28 31.3	0.200 6358	8626	13 28.9
	9	22 41 35.82	4 40.05	9 52 15.6	28 46.7	0.199 7732	8758	13 29.7
	10	22 46 15.87		−9 23 28.9		0.198 8974		13 30.4

Tag	0h Welt-Zeit: Scheinbare Rektaszension (h m s)	Diff. (m s)	0h Welt-Zeit: Scheinbare Deklination (° ′ ″)	Diff. (′ ″)	0h Welt-Zeit: log Δ	Diff.	Obere Kulmination in Greenwich (h m)
1927							
Febr. 10	22 46 15.87	4 39.12	— 9 23 28.9	29 1.4	0.198 8974	8889	13 30.4
11	22 50 54.99	4 38.24	8 54 27.5	29 15.2	0.198 0085	9020	13 31.1
12	22 55 33.23	4 37.38	8 25 12.3	29 28.2	0.197 1065	9151	13 31.8
13	23 0 10.61	4 36.57	7 55 44.1	29 40.4	0.196 1914	9285	13 32.4
14	23 4 47.18	4 35.79	7 26 3.7	29 52.0	0.195 2629	9419	13 33.1
15	23 9 22.97	4 35.06	6 56 11.7	30 2.8	0.194 3210	9552	13 33.7
16	23 13 58.03	4 34.35	— 6 26 8.9	30 12.8	0.193 3658	9687	13 34.4
17	23 18 32.38	4 33.70	5 55 56.1	30 22.0	0.192 3971	9823	13 35.0
18	23 23 6.08	4 33.09	5 25 34.1	30 30.6	0.191 4148	9961	13 35.6
19	23 27 39.17	4 32.52	4 55 3.5	30 38.4	0.190 4187	1 0100	13 36.2
20	23 32 11.69	4 31.98	4 24 25.1	30 45.3	0.189 4087	1 0239	13 36.8
21	23 36 43.67	4 31.51	3 53 39.8	30 51.7	0.188 3848	1 0381	13 37.4
22	23 41 15.18	4 31.06	— 3 22 48.1	30 57.1	0.187 3467	1 0524	13 38.0
23	23 45 46.24	4 30.65	2 51 51.0	31 1.9	0.186 2943	1 0669	13 38.5
24	23 50 16.89	4 30.29	2 20 49.1	31 6.1	0.185 2274	1 0816	13 39.1
25	23 54 47.18	4 29.98	1 49 43.0	31 9.4	0.184 1458	1 0965	13 39.7
26	23 59 17.16	4 29.71	1 18 33.6	31 12.0	0.183 0493	1 1117	13 40.2
27	0 3 46.87	4 29.48	0 47 21.6	31 13.8	0.181 9376	1 1270	13 40.8
28	0 8 16.35	4 29.28	— 0 16 7.8	31 15.0	0.180 8106	1 1427	13 41.3
März 1	0 12 45.63	4 29.14	+ 0 15 7.2	31 15.4	0.179 6679	1 1585	13 41.9
2	0 17 14.77	4 29.04	0 46 22.6	31 15.1	0.178 5094	1 1746	13 42.4
3	0 21 43.81	4 28.97	1 17 37.7	31 14.0	0.177 3348	1 1909	13 42.9
4	0 26 12.78	4 28.94	1 48 51.7	31 12.2	0.176 1439	1 2075	13 43.5
5	0 30 41.72	4 28.95	2 20 3.9	31 9.5	0.174 9364	1 2242	13 44.0
6	0 35 10.67	4 29.00	+ 2 51 13.4	31 6.3	0.173 7122	1 2411	13 44.6
7	0 39 39.67	4 29.09	3 22 19.7	31 2.1	0.172 4711	1 2582	13 45.1
8	0 44 8.76	4 29.21	3 53 21.8	30 57.2	0.171 2129	1 2754	13 45.7
9	0 48 37.97	4 29.38	4 24 19.0	30 51.7	0.169 9375	1 2927	13 46.2
10	0 53 7.35	4 29.59	4 55 10.7	30 45.3	0.168 6448	1 3101	13 46.8
11	0 57 36.94	4 29.83	5 25 56.0	30 38.3	0.167 3347	1 3276	13 47.3
12	1 2 6.77	4 30.10	+ 5 56 34.3	30 30.4	0.166 0071	1 3452	13 47.9
13	1 6 36.87	4 30.42	6 27 4.7	30 22.0	0.164 6619	1 3628	13 48.4
14	1 11 7.29	4 30.79	6 57 26.7	30 12.6	0.163 2991	1 3806	13 49.0
15	1 15 38.08	4 31.19	7 27 39.3	30 2.5	0.161 9185	1 3986	13 49.6
16	1 20 9.27	4 31.62	7 57 41.8	29 51.8	0.160 5199	1 4166	13 50.2
17	1 24 40.89	4 32.09	8 27 33.6	29 40.4	0.159 1033	1 4348	13 50.7
18	1 29 12.98	4 32.60	+ 8 57 14.0	29 28.1	0.157 6685	1 4532	13 51.3
19	1 33 45.58	4 33.15	9 26 42.1	29 15.2	0.156 2153	1 4717	13 51.9
20	1 38 18.73	4 33.73	9 55 57.3	29 1.6	0.154 7436	1 4903	13 52.6
21	1 42 52.46	4 34.34	10 24 58.9	28 47.2	0.153 2533	1 5090	13 53.2
22	1 47 26.80	4 34.99	10 53 46.1	28 32.1	0.151 7443	1 5280	13 53.8
23	1 52 1.79		+11 22 18.2		0.150 2163		13 54.5

Tag	0h Welt-Zeit: Scheinbare Rektaszension		0h Welt-Zeit: Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927	h m s	m s	° ′ ″	′ ″			h m
März 23	1 52 1.79	4 35.67	+11 22 18.2	28 16.3	0.150 2163	1 5474	13 54.5
24	1 56 37.46	4 36.38	11 50 34.5	27 59.8	0.148 6689	1 5669	13 55.1
25	2 1 13.84	4 37.13	12 18 34.3	27 42.4	0.147 1020	1 5866	13 55.8
26	2 5 50.97	4 37.90	12 46 16.7	27 24.5	0.145 5154	1 6067	13 56.5
27	2 10 28.87	4 38.70	13 13 41.2	27 5.8	0.143 9087	1 6269	13 57.2
28	2 15 7.57	4 39.52	13 40 47.0	26 46.3	0.142 2818	1 6473	13 57.9
29	2 19 47.09	4 40.38	+14 7 33.3	26 26.2	0.140 6345	1 6682	13 58.6
30	2 24 27.47	4 41.24	14 33 59.5	26 5.3	0.138 9663	1 6894	13 59.3
31	2 29 8.71	4 42.12	15 0 4.8	25 43.6	0.137 2769	1 7109	14 0.1
April 1	2 33 50.83	4 43.03	15 25 48.4	25 21.2	0.135 5660	1 7327	14 0.9
2	2 38 33.86	4 43.95	15 51 9.6	24 58.1	0.133 8333	1 7548	14 1.7
3	2 43 17.81	4 44.87	16 16 7.7	24 34.3	0.132 0785	1 7771	14 2.5
4	2 48 2.68	4 45.81	+16 40 42.0	24 9.6	0.130 3014	1 7997	14 3.3
5	2 52 48.49	4 46.74	17 4 51.6	23 44.3	0.128 5017	1 8225	14 4.1
6	2 57 35.23	4 47.69	17 28 35.9	23 18.3	0.126 6792	1 8455	14 4.9
7	3 2 22.92	4 48.64	17 51 54.2	22 51.6	0.124 8337	1 8688	14 5.8
8	3 7 11.56	4 49.59	18 14 45.8	22 24.0	0.122 9649	1 8921	14 6.7
9	3 12 1.15	4 50.54	18 37 9.8	21 55.8	0.121 0728	1 9157	14 7.6
10	3 16 51.69	4 51.49	+18 59 5.6	21 27.0	0.119 1571	1 9393	14 8.5
11	3 21 43.18	4 52.43	19 20 32.6	20 57.5	0.117 2178	1 9632	14 9.4
12	3 26 35.61	4 53.37	19 41 30.1	20 27.2	0.115 2546	1 9872	14 10.3
13	3 31 28.98	4 54.30	20 1 57.3	19 56.2	0.113 2674	2 0114	14 11.3
14	3 36 23.28	4 55.22	20 21 53.5	19 24.8	0.111 2560	2 0356	14 12.3
15	3 41 18.50	4 56.13	20 41 18.3	18 52.7	0.109 2204	2 0602	14 13.3
16	3 46 14.63	4 57.01	+21 0 11.0	18 19.9	0.107 1602	2 0849	14 14.3
17	3 51 11.64	4 57.89	21 18 30.9	17 46.5	0.105 0753	2 1097	14 15.3
18	3 56 9.53	4 58.75	21 36 17.4	17 12.6	0.102 9656	2 1347	14 16.3
19	4 1 8.28	4 59.57	21 53 30.0	16 38.2	0.100 8309	2 1601	14 17.4
20	4 6 7.85	5 0.38	22 10 8.2	16 3.0	0.098 6708	2 1856	14 18.4
21	4 11 8.23	5 1.16	22 26 11.2	15 27.5	0.096 4852	2 2113	14 19.5
22	4 16 9.39	5 1.91	+22 41 38.7	14 51.3	0.094 2739	2 2372	14 20.6
23	4 21 11.30	5 2.63	22 56 30.0	14 14.6	0.092 0367	2 2636	14 21.7
24	4 26 13.93	5 3.32	23 10 44.6	13 37.6	0.089 7731	2 2902	14 22.8
25	4 31 17.25	5 3.97	23 24 22.2	13 0.1	0.087 4829	2 3170	14 23.9
26	4 36 21.22	5 4.58	23 37 22.3	12 22.1	0.085 1659	2 3443	14 25.0
27	4 41 25.80	5 5.14	23 49 44.4	11 43.7	0.082 8216	2 3720	14 26.2
28	4 46 30.94	5 5.66	+24 1 28.1	11 4.8	0.080 4496	2 4000	14 27.3
29	4 51 36.60	5 6.12	24 12 32.9	10 25.7	0.078 0496	2 4285	14 28.5
30	4 56 42.72	5 6.54	24 22 58.6	9 46.2	0.075 6211	2 4574	14 29.7
Mai 1	5 1 49.26	5 6.90	24 32 44.8	9 6.4	0.073 1637	2 4867	14 30.8
2	5 6 56.16	5 7.19	24 41 51.2	8 26.2	0.070 6770	2 5163	14 32.0
3	5 12 3.35		+24 50 17.4		0.068 1607		14 33.2

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927		h m s	m s	° ′ ″	′ ″			h m
Mai	3	5 12 3.35	5 7.43	+24 50 17.4	7 45.7	0.068 1607	2 5463	14 33.2
	4	5 17 10.78	5 7.60	24 58 3.1	7 5.1	0.065 6144	2 5765	14 34.4
	5	5 22 18.38	5 7.70	25 5 8.2	6 24.2	0.063 0379	2 6070	14 35.6
	6	5 27 26.08	5 7.73	25 11 32.4	5 43.1	0.060 4309	2 6379	14 36.7
	7	5 32 33.81	5 7.70	25 17 15.5	5 1.9	0.057 7930	2 6689	14 37.9
	8	5 37 41.51	5 7.61	25 22 17.4	4 20.5	0.055 1241	2 7002	14 39.1
	9	5 42 49.12	5 7.43	+25 26 37.9	3 39.1	0.052 4239	2 7317	14 40.3
	10	5 47 56.55	5 7.19	25 30 17.0	2 57.6	0.049 6922	2 7634	14 41.5
	11	5 53 3.74	5 6.89	25 33 14.6	2 16.2	0.046 9288	2 7954	14 42.6
	12	5 58 10.63	5 6.52	25 35 30.8	1 34.6	0.044 1334	2 8277	14 43.8
	13	6 3 17.15	5 6.06	25 37 5.4	0 53.3	0.041 3057	2 8602	14 45.0
	14	6 8 23.21	5 5.53	25 37 58.7	0 11.9	0.038 4455	2 8928	14 46.1
	15	6 13 28.74	5 4.94	+25 38 10.6	0 29.4	0.035 5527	2 9257	14 47.3
	16	6 18 33.68	5 4.30	25 37 41.2	1 10.4	0.032 6270	2 9589	14 48.4
	17	6 23 37.98	5 3.57	25 36 30.8	1 51.4	0.029 6681	2 9923	14 49.5
	18	6 28 41.55	5 2.78	25 34 39.4	2 32.0	0.026 6758	3 0260	14 50.6
	19	6 33 44.33	5 1.92	25 32 7.4	3 12.5	0.023 6498	3 0600	14 51.7
	20	6 38 46.25	5 1.00	25 28 54.9	3 52.6	0.020 5898	3 0943	14 52.8
	21	6 43 47.25	5 0.01	+25 25 2.3	4 32.5	0.017 4955	3 1289	14 53.9
	22	6 48 47.26	4 58.97	25 20 29.8	5 12.2	0.014 3666	3 1640	14 54.9
	23	6 53 46.23	4 57.87	25 15 17.6	5 51.4	0.011 2026	3 1993	14 56.0
	24	6 58 44.10	4 56.70	25 9 26.2	6 30.2	0.008 0033	3 2351	14 57.0
	25	7 3 40.80	4 55.47	25 2 56.0	7 8.7	0.004 7682	3 2714	14 58.0
	26	7 8 36.27	4 54.19	24 55 47.3	7 46.8	0.001 4968	3 3082	14 58.9
	27	7 13 30.46	4 52.84	+24 48 0.5	8 24.3	9.998 1886	3 3456	14 59.9
	28	7 18 23.30	4 51.45	24 39 36.2	9 1.5	9.994 8430	3 3835	15 0.8
	29	7 23 14.75	4 49.98	24 30 34.7	9 38.1	9.991 4595	3 4219	15 1.7
	30	7 28 4.73	4 48.47	24 20 56.6	10 14.2	9.988 0376	3 4609	15 2.6
	31	7 32 53.20	4 46.91	24 10 42.4	10 49.8	9.984 5767	3 5004	15 3.4
Juni	1	7 37 40.11	4 45.28	23 59 52.6	11 24.7	9.981 0763	3 5404	15 4.2
	2	7 42 25.39	4 43.60	+23 48 27.9	11 59.2	9.977 5359	3 5808	15 5.0
	3	7 47 8.99	4 41.86	23 36 28.7	12 33.0	9.973 9551	3 6218	15 5.8
	4	7 51 50.85	4 40.07	23 23 55.7	13 6.1	9.970 3333	3 6632	15 6.6
	5	7 56 30.92	4 38.24	23 10 49.6	13 38.8	9.966 6701	3 7049	15 7.3
	6	8 1 9.16	4 36.37	22 57 10.8	14 10.6	9.962 9652	3 7470	15 7.9
	7	8 5 45.53	4 34.44	22 43 0.2	14 41.9	9.959 2182	3 7897	15 8.6
	8	8 10 19.97	4 32.47	+22 28 18.3	15 12.5	9.955 4285	3 8326	15 9.2
	9	8 14 52.44	4 30.48	22 13 5.8	15 42.4	9.951 5959	3 8758	15 9.8
	10	8 19 22.92	4 28.44	21 57 23.4	16 11.5	9.947 7201	3 9195	15 10.3
	11	8 23 51.36	4 26.37	21 41 11.9	16 39.8	9.943 8006	3 9636	15 10.8
	12	8 28 17.73	4 24.25	21 24 32.1	17 7.5	9.939 8370	4 0080	15 11.3
	13	8 32 41.98		+21 7 24.6		9.935 8290		15 11.7

Tag	0h Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927	h m s	m s	° ′ ″	′ ″			h m
Juni 13	8 32 41.98	4 22.11	+21 7 24.6	17 34.4	9.935 8290	4 0528	15 11.7
14	8 37 4.09	4 19.94	20 49 50.2	18 0.7	9.931 7762	4 0980	15 12.1
15	8 41 24.03	4 17.75	20 31 49.5	18 26.1	9.927 6782	4 1435	15 12.5
16	8 45 41.78	4 15.52	20 13 23.4	18 50.7	9.923 5347	4 1894	15 12.8
17	8 49 57.30	4 13.28	19 54 32.7	19 14.7	9.919 3453	4 2356	15 13.1
18	8 54 10.58	4 11.02	19 35 18.0	19 38.0	9.915 1097	4 2824	15 13.4
19	8 58 21.60	4 8.73	+19 15 40.0	20 0.4	9.910 8273	4 3296	15 13.6
20	9 2 30.33	4 6.43	18 55 39.6	20 22.0	9.906 4977	4 3774	15 13.8
21	9 6 36.76	4 4.10	18 35 17.6	20 42.9	9.902 1203	4 4256	15 13.9
22	9 10 40.86	4 1.76	18 14 34.7	21 3.1	9.897 6947	4 4746	15 14.0
23	9 14 42.62	3 59.39	17 53 31.6	21 22.4	9.893 2201	4 5242	15 14.1
24	9 18 42.01	3 57.01	17 32 9.2	21 41.1	9.888 6959	4 5744	15 14.1
25	9 22 39.02	3 54.61	+17 10 28.1	21 59.0	9.884 1215	4 6255	15 14.1
26	9 26 33.63	3 52.18	16 48 29.1	22 15.9	9.879 4960	4 6772	15 14.0
27	9 30 25.81	3 49.73	16 26 13.2	22 32.2	9.874 8188	4 7296	15 13.9
28	9 34 15.54	3 47.24	16 3 41.0	22 47.7	9.870 0892	4 7828	15 13.8
29	9 38 2.78	3 44.73	15 40 53.3	23 2.2	9.865 3064	4 8368	15 13.6
30	9 41 47.51	3 42.20	15 17 51.1	23 16.1	9.860 4696	4 8913	15 13.4
Juli 1	9 45 29.71	3 39.62	+14 54 35.0	23 29.1	9.855 5783	4 9466	15 13.1
2	9 49 9.33	3 37.01	14 31 5.9	23 41.3	9.850 6317	5 0025	15 12.8
3	9 52 46.34	3 34.36	14 7 24.6	23 52.7	9.845 6292	5 0590	15 12.4
4	9 56 20.70	3 31.68	13 43 31.9	24 3.2	9.840 5702	5 1159	15 12.0
5	9 59 52.38	3 28.95	13 19 28.7	24 12.7	9.835 4543	5 1734	15 11.6
6	10 3 21.33	3 26.18	12 55 16.0	24 21.5	9.830 2809	5 2311	15 11.1
7	10 6 47.51	3 23.39	+12 30 54.5	24 29.5	9.825 0498	5 2894	15 10.6
8	10 10 10.90	3 20.54	12 6 25.0	24 36.4	9.819 7604	5 3481	15 10.0
9	10 13 31.44	3 17.63	11 41 48.6	24 42.6	9.814 4123	5 4072	15 9.4
10	10 16 49.07	3 14.68	11 17 6.0	24 47.9	9.809 0051	5 4664	15 8.7
11	10 20 3.75	3 11.70	10 52 18.1	24 52.4	9.803 5387	5 5261	15 8.0
12	10 23 15.45	3 8.64	10 27 25.7	24 55.8	9.798 0126	5 5859	15 7.2
13	10 26 24.09	3 5.54	+10 2 29.9	24 58.3	9.792 4267	5 6457	15 6.4
14	10 29 29.63	3 2.38	9 37 31.6	25 0.1	9.786 7810	5 7055	15 5.5
15	10 32 32.01	2 59.16	9 12 31.5	25 0.8	9.781 0755	5 7653	15 4.5
16	10 35 31.17	2 55.87	8 47 30.7	25 0.7	9.775 3102	5 8252	15 3.5
17	10 38 27.04	2 52.53	8 22 30.0	24 59.6	9.769 4850	5 8851	15 2.5
18	10 41 19.57	2 49.11	7 57 30.4	24 57.7	9.763 5999	5 9449	15 1.4
19	10 44 8.68	2 45.63	+ 7 32 32.7	24 54.7	9.757 6550	6 0045	15 0.2
20	10 46 54.31	2 42.07	7 7 38.0	24 50.8	9.751 6505	6 0643	14 59.0
21	10 49 36.38	2 38.43	6 42 47.2	24 46.0	9.745 5862	6 1239	14 57.7
22	10 52 14.81	2 34.71	6 18 1.2	24 40.2	9.739 4623	6 1832	14 56.4
23	10 54 49.52	2 30.87	5 53 21.0	24 33.3	9.733 2791	6 2424	14 55.0
24	10 57 20.39		+ 5 28 47.7		9.727 0367		14 53.5

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927	h m s	m s	° ′ ″	′ ″			h m
Juli 24	10 57 20.39	2 26.94	+5 28 47.7	24 25.4	9.727 0367	6 3014	14 53.5
25	10 59 47.33	2 22.90	5 4 22.3	24 16.4	9.720 7353	6 3597	14 52.0
26	11 2 10.23	2 18.74	4 40 5.9	24 6.2	9.714 3756	6 4176	14 50.4
27	11 4 28.97	2 14.47	4 15 59.7	23 54.8	9.707 9580	6 4746	14 48.7
28	11 6 43.44	2 10.05	3 52 4.9	23 42.2	9.701 4834	6 5307	14 47.0
29	11 8 53.49	2 5.49	3 28 22.7	23 28.3	9.694 9527	6 5855	14 45.2
30	11 10 58.98	2 0.78	+3 4 54.4	23 13.2	9.688 3672	6 6389	14 43.3
31	11 12 59.76	1 55.92	2 41 41.2	22 56.5	9.681 7283	6 6904	14 41.3
Aug. 1	11 14 55.68	1 50.90	2 18 44.7	22 38.4	9.675 0379	6 7398	14 39.2
2	11 16 46.58	1 45.70	1 56 6.3	22 18.8	9.668 2981	6 7866	14 37.1
3	11 18 32.28	1 40.35	1 33 47.5	21 57.7	9.661 5115	6 8305	14 34.9
4	11 20 12.63	1 34.80	1 11 49.8	21 34.9	9.654 6810	6 8709	14 32.5
5	11 21 47.43	1 29.05	+0 50 14.9	21 10.3	9.647 8101	6 9078	14 30.1
6	11 23 16.48	1 23.13	0 29 4.6	20 44.0	9.640 9023	6 9403	14 27.6
7	11 24 39.61	1 17.03	+0 8 20.6	20 16.0	9.633 9620	6 9679	14 25.0
8	11 25 56.64	1 10.70	−0 11 55.4	19 45.9	9.626 9941	6 9900	14 22.3
9	11 27 7.34	1 4.19	0 31 41.3	19 13.8	9.620 0041	7 0061	14 19.4
10	11 28 11.53	0 57.48	0 50 55.1	18 39.7	9.612 9980	7 0159	14 16.5
11	11 29 9.01	0 50.57	−1 9 34.8	18 3.5	9.605 9821	7 0185	14 13.5
12	11 29 59.58	0 43.49	1 27 38.3	17 25.1	9.598 9636	7 0128	14 10.3
13	11 30 43.07	0 36.21	1 45 3.4	16 44.3	9.591 9508	6 9979	14 7.0
14	11 31 19.28	0 28.75	2 1 47.7	16 1.3	9.584 9529	6 9735	14 3.6
15	11 31 48.03	0 21.13	2 17 49.0	15 15.8	9.577 9794	6 9393	14 0.1
16	11 32 9.16	0 13.36	2 33 4.8	14 28.1	9.571 0401	6 8940	13 56.4
17	11 32 22.52	0 5.44	−2 47 32.9	13 37.8	9.564 1461	6 8367	13 52.7
18	11 32 27.96	0 2.60	3 1 10.7	12 45.2	9.557 3094	6 7669	13 48.8
19	11 32 25.36	0 10.74	3 13 55.9	11 49.9	9.550 5425	6 6840	13 44.7
20	11 32 14.62	0 18.97	3 25 45.8	10 52.0	9.543 8585	6 5870	13 40.5
21	11 31 55.65	0 27.28	3 36 37.8	9 51.7	9.537 2715	6 4745	13 36.2
22	11 31 28.37	0 35.63	3 46 29.5	8 48.9	9.530 7970	6 3462	13 31.7
23	11 30 52.74	0 43.96	−3 55 18.4	7 43.5	9.524 4508	6 2011	13 27.1
24	11 30 8.78	0 52.26	4 3 1.9	6 35.8	9.518 2497	6 0385	13 22.4
25	11 29 16.52	1 0.49	4 9 37.7	5 25.7	9.512 2112	5 8572	13 17.5
26	11 28 16.03	1 8.61	4 15 3.4	4 13.4	9.506 3540	5 6565	13 12.5
27	11 27 7.42	1 16.56	4 19 16.8	2 59.2	9.500 6975	5 4362	13 7.4
28	11 25 50.86	1 24.26	4 22 16.0	1 43.1	9.495 2613	5 1954	13 2.1
29	11 24 26.60	1 31.68	−4 23 59.1	0 25.7	9.490 0659	4 9336	12 56.7
30	11 22 54.92	1 38.75	4 24 24.8	0 52.9	9.485 1323	4 6507	12 51.2
31	11 21 16.17	1 45.41	4 23 31.9	2 12.1	9.480 4816	4 3476	12 45.6
Sept. 1	11 19 30.76	1 51.59	4 21 19.8	3 31.5	9.476 1340	4 0240	12 39.8
2	11 17 39.17	1 57.22	4 17 48.3	4 50.5	9.472 1100	3 6806	12 34.0
3	11 15 41.95		−4 12 57.8		9.468 4294		12 28.1

Tag	0h Welt-Zeit: Scheinbare Rektaszension	Diff.	0h Welt-Zeit: Scheinbare Deklination	Diff.	0h Welt-Zeit: log Δ	Diff.	Obere Kulmination in Greenwich
1927	h m s	m s	° ′ ″	′ ″			h m
Sept. 3	11 15 41.95	2 2.27	−4 12 57.8	6 8.7	9.468 4294	3 3182	12 28.1
4	11 13 39.68	2 6.62	4 6 49.1	7 25.6	9.465 1112	2 9382	12 22.1
5	11 11 33.06	2 10.24	3 59 23.5	8 40.5	9.462 1730	2 5420	12 16.0
6	11 9 22.82	2 13.10	3 50 43.0	9 52.6	9.459 6310	2 1310	12 9.9
7	11 7 9.72	2 15.15	3 40 50.4	11 1.3	9.457 5000	1 7077	12 3.8
8	11 4 54.57	2 16.34	3 29 49.1	12 6.3	9.455 7923	1 2748	11 57.6
9	11 2 38.23	2 16.66	−3 17 42.8	13 6.9	9.454 5175	8342	11 51.4
10	11 0 21.57	2 16.07	3 4 35.9	14 2.6	9.453 6833	3885	11 45.2
11	10 58 5.50	2 14.58	2 50 33.3	14 52.4	9.453 2948	590	11 39.0
12	10 55 50.92	2 12.22	2 35 40.9	15 36.2	9.453 3538	5050	11 32.9
13	10 53 38.70	2 9.00	2 20 4.7	16 14.0	9.453 8588	9468	11 26.8
14	10 51 29.70	2 4.93	2 3 50.7	16 45.2	9.454 8056	1 3818	11 20.7
15	10 49 24.77	2 0.08	−1 47 5.5	17 10.1	9.456 1874	1 8072	11 14.8
16	10 47 24.69	1 54.52	1 29 55.4	17 28.4	9.457 9946	2 2204	11 8.9
17	10 45 30.17	1 48.31	1 12 27.0	17 39.9	9.460 2150	2 6191	11 3.1
18	10 43 41.86	1 41.48	0 54 47.1	17 45.2	9.462 8341	3 0017	10 57.4
19	10 42 0.38	1 34.10	0 37 1.9	17 44.3	9.465 8358	3 3666	10 51.9
20	10 40 26.28	1 26.29	0 19 17.6	17 37.7	9.469 2024	3 7128	10 46.5
21	10 38 59.99	1 18.08	−0 1 39.9	17 25.6	9.472 9152	4 0395	10 41.2
22	10 37 41.91	1 9.54	+0 15 45.7	17 8.4	9.476 9547	4 3460	10 36.0
23	10 36 32.37	1 0.73	0 32 54.1	16 46.4	9.481 3007	4 6314	10 31.0
24	10 35 31.64	0 51.74	0 49 40.5	16 20.0	9.485 9321	4 8961	10 26.1
25	10 34 39.90	0 42.59	1 6 0.5	15 49.8	9.490 8282	5 1401	10 21.4
26	10 33 57.31	0 33.35	1 21 50.3	15 16.0	9.495 9683	5 3637	10 16.8
27	10 33 23.96	0 24.09	+1 37 6.3	14 39.1	9.501 3320	5 5675	10 12.4
28	10 32 59.87	0 14.82	1 51 45.4	13 59.5	9.506 8995	5 7522	10 8.1
29	10 32 45.05	0 5.60	2 5 44.9	13 17.3	9.512 6517	5 9180	10 4.0
30	10 32 39.45	0 3.55	2 19 2.2	12 33.2	9.518 5697	6 0658	10 0.0
Okt. 1	10 32 43.00	0 12.59	2 31 35.4	11 47.5	9.524 6355	6 1968	9 56.2
2	10 32 55.59	0 21.48	2 43 22.9	11 0.2	9.530 8323	6 3115	9 52.6
3	10 33 17.07	0 30.22	+2 54 23.1	10 11.5	9.537 1438	6 4110	9 49.1
4	10 33 47.29	0 38.78	3 4 34.6	9 22.1	9.543 5548	6 4964	9 45.7
5	10 34 26.07	0 47.14	3 13 56.7	8 32.0	9.550 0512	6 5685	9 42.5
6	10 35 13.21	0 55.29	3 22 28.7	7 41.3	9.556 6197	6 6278	9 39.4
7	10 36 8.50	1 3.24	3 30 10.0	6 50.3	9.563 2475	6 6757	9 36.4
8	10 37 11.74	1 10.96	3 37 0.3	5 59.0	9.569 9232	6 7125	9 33.6
9	10 38 22.70	1 18.46	+3 42 59.3	5 7.7	9.576 6357	6 7391	9 30.9
10	10 39 41.16	1 25.72	3 48 7.0	4 16.6	9.583 3748	6 7564	9 28.3
11	10 41 6.88	1 32.74	3 52 23.6	3 25.6	9.590 1312	6 7649	9 25.8
12	10 42 39.62	1 39.53	3 55 49.2	2 34.9	9.596 8961	6 7652	9 23.5
13	10 44 19.15	1 46.09	3 58 24.1	1 44.6	9.603 6613	6 7580	9 21.2
14	10 46 5.24		+4 0 8.7		9.610 4193		9 19.1

Tag	0h Welt-Zeit: Scheinbare Rektaszension (h m s)	Diff. (m s)	Scheinbare Deklination (° ′ ″)	Diff. (′ ″)	log Δ	Diff.	Obere Kulmination in Greenwich (h m)
1927 Okt. 14	10 46 5.24	1 52.39	+4 0 8.7	0 54.8	9.610 4193	6 7440	9 19.1
15	10 47 57.63	1 58.44	4 1 3.5	0 5.4	9.617 1633	6 7239	9 17.1
16	10 49 56.07	2 4.26	4 1 8.9	0 43.1	9.623 8872	6 6983	9 15.2
17	10 52 0.33	2 9.83	4 0 25.8	1 30.8	9.630 5855	6 6677	9 13.3
18	10 54 10.16	2 15.19	3 58 55.0	2 17.6	9.637 2532	6 6327	9 11.6
19	10 56 25.35	2 20.33	3 56 37.4	3 3.7	9.643 8859	6 5937	9 9.9
20	10 58 45.68	2 25.22	+3 53 33.7	3 48.9	9.650 4796	6 5516	9 8.3
21	11 1 10.90	2 29.90	3 49 44.8	4 33.3	9.657 0312	6 5066	9 6.9
22	11 3 40.80	2 34.40	3 45 11.5	5 16.6	9.663 5378	6 4592	9 5.5
23	11 6 15.20	2 38.70	3 39 54.9	5 58.9	9.669 9970	6 4097	9 4.1
24	11 8 53.90	2 42.80	3 33 56.0	6 40.4	9.676 4067	6 3582	9 2.8
25	11 11 36.70	2 46.72	3 27 15.6	7 21.0	9.682 7649	6 3051	9 1.6
26	11 14 23.42	2 50.47	+3 19 54.6	8 0.4	9.689 0700	6 2507	9 0.5
27	11 17 13.89	2 54.07	3 11 54.2	8 39.0	9.695 3207	6 1955	8 59.4
28	11 20 7.96	2 57.51	3 3 15.2	9 16.6	9.701 5162	6 1393	8 58.4
29	11 23 5.47	3 0.80	2 53 58.6	9 53.2	9.707 6555	6 0826	8 57.4
30	11 26 6.27	3 3.96	2 44 5.4	10 28.8	9.713 7381	6 0256	8 56.5
31	11 29 10.23	3 6.99	2 33 36.6	11 3.5	9.719 7637	5 9683	8 55.7
Nov. 1	11 32 17.22	3 9.89	+2 22 33.1	11 37.3	9.725 7320	5 9107	8 54.9
2	11 35 27.11	3 12.67	2 10 55.8	12 10.2	9.731 6427	5 8529	8 54.1
3	11 38 39.78	3 15.34	1 58 45.6	12 42.1	9.737 4956	5 7950	8 53.4
4	11 41 55.12	3 17.92	1 46 3.5	13 13.1	9.743 2906	5 7371	8 52.7
5	11 45 13.04	3 20.41	1 32 50.4	13 43.2	9.749 0277	5 6793	8 52.1
6	11 48 33.45	3 22.81	1 19 7.2	14 12.4	9.754 7070	5 6217	8 51.5
7	11 51 56.26	3 25.13	+1 4 54.8	14 40.8	9.760 3287	5 5641	8 50.9
8	11 55 21.39	3 27.37	0 50 14.0	15 8.1	9.765 8928	5 5067	8 50.4
9	11 58 48.76	3 29.53	0 35 5.9	15 34.7	9.771 3995	5 4493	8 50.0
10	12 2 18.29	3 31.63	0 19 31.2	16 0.4	9.776 8488	5 3920	8 49.5
11	12 5 49.92	3 33.66	+0 3 30.8	16 25.1	9.782 2408	5 3347	8 49.1
12	12 9 23.58	3 35.60	−0 12 54.3	16 48.9	9.787 5755	5 2777	8 48.8
13	12 12 59.18	3 37.50	−0 29 43.2	17 11.7	9.792 8532	5 2208	8 48.4
14	12 16 36.68	3 39.35	0 46 54.9	17 33.7	9.798 0740	5 1642	8 48.1
15	12 20 16.03	3 41.12	1 4 28.6	17 54.7	9.803 2382	5 1078	8 47.8
16	12 23 57.15	3 42.85	1 22 23.3	18 14.6	9.808 3460	5 0517	8 47.6
17	12 27 40.00	3 44.52	1 40 37.9	18 33.6	9.813 3977	4 9962	8 47.4
18	12 31 24.52	3 46.15	1 59 11.5	18 51.7	9.818 3939	4 9413	8 47.2
19	12 35 10.67	3 47.73	−2 18 3.2	19 8.9	9.823 3352	4 8869	8 47.0
20	12 38 58.40	3 49.28	2 37 12.1	19 25.0	9.828 2221	4 8330	8 46.9
21	12 42 47.68	3 50.79	2 56 37.1	19 40.2	9.833 0551	4 7798	8 46.8
22	12 46 38.47	3 52.26	3 16 17.3	19 54.4	9.837 8349	4 7272	8 46.7
23	12 50 30.73	3 53.72	3 36 11.7	20 7.7	9.842 5621	4 6753	8 46.6
24	12 54 24.45		−3 56 19.4		9.847 2374		8 46.6

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927	h m s	m s	° ′ ″	′ ″			h m
Nov. 24	12 54 24.45	3 55.14	− 3 56 19.4	20 20.0	9.847 2374	4 6241	8 46.6
25	12 58 19.59	3 56.53	4 16 39.4	20 31.3	9.851 8615	4 5735	8 46.6
26	13 2 16.12	3 57.92	4 37 10.7	20 41.9	9.856 4350	4 5238	8 46.6
27	13 6 14.04	3 59.28	4 57 52.6	20 51.5	9.860 9588	4 4747	8 46.6
28	13 10 13.32	4 0.62	5 18 44.1	21 0.2	9.865 4335	4 4264	8 46.7
29	13 14 13.94	4 1.95	5 39 44.3	21 8.0	9.869 8599	4 3788	8 46.7
30	13 18 15.89	4 3.27	− 6 0 52.3	21 14.8	9.874 2387	4 3320	8 46.8
Dez. 1	13 22 19.16	4 4.60	6 22 7.1	21 20.8	9.878 5707	4 2860	8 47.0
2	13 26 23.76	4 5.91	6 43 27.9	21 25.9	9.882 8567	4 2406	8 47.1
3	13 30 29.67	4 7.23	7 4 53.8	21 30.0	9.887 0973	4 1959	8 47.3
4	13 34 36.90	4 8.54	7 26 23.8	21 33.3	9.891 2932	4 1517	8 47.5
5	13 38 45.44	4 9.85	7 47 57.1	21 35.8	9.895 4449	4 1080	8 47.7
6	13 42 55.29	4 11.17	− 8 9 32.9	21 37.4	9.899 5529	4 0651	8 47.9
7	13 47 6.46	4 12.50	8 31 10.3	21 38.2	9.903 6180	4 0226	8 48.1
8	13 51 18.96	4 13.83	8 52 48.5	21 38.1	9.907 6406	3 9806	8 48.4
9	13 55 32.79	4 15.16	9 14 26.6	21 37.2	9.911 6212	3 9392	8 48.7
10	13 59 47.95	4 16.50	9 36 3.8	21 35.4	9.915 5604	3 8982	8 49.0
11	14 4 4.45	4 17.84	9 57 39.2	21 32.6	9.919 4586	3 8574	8 49.4
12	14 8 22.29	4 19.19	−10 19 11.8	21 29.0	9.923 3160	3 8168	8 49.7
13	14 12 41.48	4 20.53	10 40 40.8	21 24.4	9.927 1328	3 7765	8 50.1
14	14 17 2.01	4 21.87	11 2 5.2	21 18.9	9.930 9093	3 7365	8 50.5
15	14 21 23.88	4 23.22	11 23 24.1	21 12.6	9.934 6458	3 6970	8 51.0
16	14 25 47.10	4 24.56	11 44 36.7	21 5.3	9.938 3428	3 6580	8 51.4
17	14 30 11.66	4 25.92	12 5 42.0	20 57.2	9.942 0008	3 6194	8 51.9
18	14 34 37.58	4 27.27	−12 26 39.2	20 48.1	9.945 6202	3 5814	8 52.4
19	14 39 4.85	4 28.62	12 47 27.3	20 38.1	9.949 2016	3 5438	8 52.9
20	14 43 33.47	4 29.97	13 8 5.4	20 27.3	9.952 7454	3 5067	8 53.4
21	14 48 3.44	4 31.32	13 28 32.7	20 15.5	9.956 2521	3 4699	8 54.0
22	14 52 34.76	4 32.67	13 48 48.2	20 2.9	9.959 7220	3 4337	8 54.6
23	14 57 7.43	4 34.02	14 8 51.1	19 49.3	9.963 1557	3 3980	8 55.2
24	15 1 41.45	4 35.37	−14 28 40.4	19 34.9	9.966 5537	3 3628	8 55.8
25	15 6 16.82	4 36.71	14 48 15.3	19 19.6	9.969 9165	3 3282	8 56.5
26	15 10 53.53	4 38.05	15 7 34.9	19 3.5	9.973 2447	3 2940	8 57.2
27	15 15 31.58	4 39.39	15 26 38.4	18 46.5	9.976 5387	3 2605	8 57.9
28	15 20 10.97	4 40.72	15 45 24.9	18 28.6	9.979 7992	3 2274	8 58.6
29	15 24 51.69	4 42.05	16 3 53.5	18 10.0	9.983 0266	3 1950	8 59.3
30	15 29 33.74	4 43.38	−16 22 3.5	17 50.5	9.986 2216	3 1630	9 0.1
31	15 34 17.12	4 44.71	16 39 54.0	17 30.2	9.989 3846	3 1316	9 0.9
32	15 39 1.83		−16 57 24.2		9.992 5162		9 1.7

Tag	0h Welt-Zeit: Scheinbare Rektaszension		0h Welt-Zeit: Scheinbare Deklination		0h Welt-Zeit: log Δ		Obere Kulmination in Greenwich
1927	h m s	m s	° ′ ″	′ ″			h m
Jan. 0	2 20 17.78	1 1.77	+15 29 21.0	6 5.9	9.894 1927	4 7460	19 43.3
1	2 21 19.55	1 3.86	15 35 26.9	6 12.8	9.898 9387	4 7279	19 40.4
2	2 22 23.41	1 5.91	15 41 39.7	6 19.5	9.903 6666	4 7090	19 37.5
3	2 23 29.32	1 7.91	15 47 59.2	6 25.8	9.908 3756	4 6891	19 34.7
4	2 24 37.23	1 9.88	15 54 25.0	6 31.9	9.913 0647	4 6681	19 31.9
5	2 25 47.11	1 11.82	16 0 56.9	6 37.8	9.917 7328	4 6463	19 29.2
6	2 26 58.93	1 13.71	+16 7 34.7	6 43.4	9.922 3791	4 6238	19 26.5
7	2 28 12.64	1 15.55	16 14 18.1	6 48.7	9.927 0029	4 6003	19 23.8
8	2 29 28.19	1 17.37	16 21 6.8	6 53.7	9.931 6032	4 5761	19 21.1
9	2 30 45.56	1 19.13	16 28 0.5	6 58.5	9.936 1793	4 5514	19 18.5
10	2 32 4.69	1 20.86	16 34 59.0	7 2.9	9.940 7307	4 5260	19 15.9
11	2 33 25.55	1 22.54	16 42 1.9	7 7.0	9.945 2567	4 5002	19 13.3
12	2 34 48.09	1 24.19	+16 49 8.9	7 10.9	9.949 7569	4 4739	19 10.8
13	2 36 12.28	1 25.79	16 56 19.8	7 14.5	9.954 2308	4 4473	19 8.3
14	2 37 38.07	1 27.36	17 3 34.3	7 17.8	9.958 6781	4 4206	19 5.8
15	2 39 5.43	1 28.89	17 10 52.1	7 20.8	9.963 0987	4 3936	19 3.3
16	2 40 34.32	1 30.39	17 18 12.9	7 23.4	9.967 4923	4 3666	19 0.9
17	2 42 4.71	1 31.86	17 25 36.3	7 25.9	9.971 8589	4 3393	18 58.5
18	2 43 36.57	1 33.29	+17 33 2.2	7 28.1	9.976 1982	4 3120	18 56.1
19	2 45 9.86	1 34.70	17 40 30.3	7 30.0	9.980 5102	4 2847	18 53.7
20	2 46 44.56	1 36.08	17 48 0.3	7 31.8	9.984 7949	4 2574	18 51.4
21	2 48 20.64	1 37.43	17 55 32.1	7 33.3	9.989 0523	4 2300	18 49.1
22	2 49 58.07	1 38.75	18 3 5.4	7 34.4	9.993 2823	4 2025	18 46.8
23	2 51 36.82	1 40.06	18 10 39.8	7 35.5	9.997 4848	4 1752	18 44.5
24	2 53 16.88	1 41.35	+18 18 15.3	7 36.3	0.001 6600	4 1477	18 42.2
25	2 54 58.23	1 42.61	18 25 51.6	7 36.9	0.005 8077	4 1202	18 40.0
26	2 56 40.84	1 43.86	18 33 28.5	7 37.4	0.009 9279	4 0927	18 37.8
27	2 58 24.70	1 45.08	18 41 5.9	7 37.5	0.014 0206	4 0653	18 35.6
28	3 0 9.78	1 46.28	18 48 43.4	7 37.5	0.018 0859	4 0379	18 33.4
29	3 1 56.06	1 47.46	18 56 20.9	7 37.3	0.022 1238	4 0102	18 31.3
30	3 3 43.52	1 48.63	+19 3 58.2	7 37.0	0.026 1340	3 9825	18 29.1
31	3 5 32.15	1 49.78	19 11 35.2	7 36.5	0.030 1165	3 9546	18 27.0
Febr. 1	3 7 21.93	1 50.91	19 19 11.7	7 35.6	0.034 0711	3 9268	18 24.9
2	3 9 12.84	1 52.02	19 26 47.3	7 34.7	0.037 9979	3 8988	18 22.9
3	3 11 4.86	1 53.11	19 34 22.0	7 33.6	0.041 8967	3 8706	18 20.8
4	3 12 57.97	1 54.18	19 41 55.6	7 32.2	0.045 7673	3 8424	18 18.8
5	3 14 52.15	1 55.24	+19 49 27.8	7 30.6	0.049 6097	3 8141	18 16.7
6	3 16 47.39	1 56.26	19 56 58.4	7 28.9	0.053 4238	3 7858	18 14.7
7	3 18 43.65	1 57.26	20 4 27.3	7 26.9	0.057 2096	3 7575	18 12.7
8	3 20 40.91	1 58.25	20 11 54.2	7 24.8	0.060 9671	3 7291	18 10.8
9	3 22 39.16	1 59.21	20 19 19.0	7 22.5	0.064 6962	3 7009	18 8.8
10	3 24 38.37		+20 26 41.5		0.068 3971		18 6.9

Tag	0h Welt-Zeit: Scheinbare Rektaszension		0h Welt-Zeit: Scheinbare Deklination		0h Welt-Zeit: log Δ		Obere Kulmination in Greenwich
1927	h m s	m s	° ′ ″	′ ″			h m
Febr. 10	3 24 38.37	2 0.15	+20 26 41.5	7 19.9	0.068 3971	3 6727	18 6.9
11	3 26 38.52	2 1.08	20 34 1.4	7 17.0	0.072 0698	3 6447	18 4.9
12	3 28 39.60	2 1.97	20 41 18.4	7 14.1	0.075 7145	3 6170	18 3.0
13	3 30 41.57	2 2.85	20 48 32.5	7 11.0	0.079 3315	3 5895	18 1.1
14	3 32 44.42	2 3.72	20 55 43.5	7 7.5	0.082 9210	3 5621	17 59.3
15	3 34 48.14	2 4.57	21 2 51.0	7 4.0	0.086 4831	3 5350	17 57.4
16	3 36 52.71	2 5.41	+21 9 55.0	7 0.4	0.090 0181	3 5080	17 55.5
17	3 38 58.12	2 6.23	21 16 55.4	6 56.6	0.093 5261	3 4812	17 53.7
18	3 41 4.35	2 7.03	21 23 52.0	6 52.4	0.097 0073	3 4548	17 51.9
19	3 43 11.38	2 7.82	21 30 44.4	6 48.2	0.100 4621	3 4285	17 50.1
20	3 45 19.20	2 8.61	21 37 32.6	6 43.9	0.103 8906	3 4024	17 48.3
21	3 47 27.81	2 9.38	21 44 16.5	6 39.5	0.107 2930	3 3765	17 46.5
22	3 49 37.19	2 10.13	+21 50 56.0	6 34.9	0.110 6695	3 3508	17 44.7
23	3 51 47.32	2 10.89	21 57 30.9	6 30.2	0.114 0203	3 3253	17 42.9
24	3 53 58.21	2 11.62	22 4 1.1	6 25.2	0.117 3456	3 2998	17 41.2
25	3 56 9.83	2 12.35	22 10 26.3	6 20.2	0.120 6454	3 2746	17 39.4
26	3 58 22.18	2 13.06	22 16 46.5	6 15.1	0.123 9200	3 2495	17 37.7
27	4 0 35.24	2 13.77	22 23 1.6	6 9.7	0.127 1695	3 2245	17 36.0
28	4 2 49.01	2 14.48	+22 29 11.3	6 4.2	0.130 3940	3 1995	17 34.3
März 1	4 5 3.49	2 15.17	22 35 15.5	5 58.7	0.133 5935	3 1746	17 32.6
2	4 7 18.66	2 15.85	22 41 14.2	5 53.0	0.136 7681	3 1498	17 30.9
3	4 9 34.51	2 16.52	22 47 7.2	5 47.2	0.139 9179	3 1249	17 29.3
4	4 11 51.03	2 17.17	22 52 54.4	5 41.2	0.143 0428	3 1001	17 27.6
5	4 14 8.20	2 17.81	22 58 35.6	5 35.3	0.146 1429	3 0752	17 26.0
6	4 16 26.01	2 18.44	+23 4 10.9	5 29.1	0.149 2181	3 0505	17 24.3
7	4 18 44.45	2 19.05	23 9 40.0	5 22.7	0.152 2686	3 0258	17 22.7
8	4 21 3.50	2 19.65	23 15 2.7	5 16.2	0.155 2944	3 0011	17 21.1
9	4 23 23.15	2 20.23	23 20 18.9	5 9.7	0.158 2955	2 9767	17 19.5
10	4 25 43.38	2 20.80	23 25 28.6	5 2.9	0.161 2722	2 9523	17 17.9
11	4 28 4.18	2 21.35	23 30 31.5	4 56.0	0.164 2245	2 9281	17 16.3
12	4 30 25.53	2 21.89	+23 35 27.5	4 49.0	0.167 1526	2 9042	17 14.7
13	4 32 47.42	2 22.41	23 40 16.5	4 41.9	0.170 0568	2 8806	17 13.1
14	4 35 9.83	2 22.93	23 44 58.4	4 34.7	0.172 9374	2 8570	17 11.6
15	4 37 32.76	2 23.43	23 49 33.1	4 27.4	0.175 7944	2 8336	17 10.0
16	4 39 56.19	2 23.91	23 54 0.5	4 19.9	0.178 6280	2 8107	17 8.5
17	4 42 20.10	2 24.38	23 58 20.4	4 12.4	0.181 4387	2 7879	17 7.0
18	4 44 44.48	2 24.86	+24 2 32.8	4 4.8	0.184 2266	2 7653	17 5.4
19	4 47 9.34	2 25.31	24 6 37.6	3 57.1	0.186 9919	2 7429	17 3.9
20	4 49 34.65	2 25.76	24 10 34.7	3 49.2	0.189 7348	2 7207	17 2.4
21	4 52 0.41	2 26.19	24 14 23.9	3 41.3	0.192 4555	2 6986	17 0.9
22	4 54 26.60	2 26.62	24 18 5.2	3 33.4	0.195 1541	2 6767	16 59.4
23	4 56 53.22		+24 21 38.6		0.197 8308		16 57.9

Tag	0h Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927	h m s	m s	° ′ ″	′ ″			h m
März 23	4 56 53.22	2 27.04	+24 21 38.6	3 25.2	0.197 8308	2 6551	16 57.9
24	4 59 20.26	2 27.45	24 25 3.8	3 17.0	0.200 4859	2 6337	16 56.4
25	5 1 47.71	2 27.85	24 28 20.8	3 8.8	0.203 1196	2 6125	16 54.9
26	5 4 15.56	2 28.25	24 31 29.6	3 0.6	0.205 7321	2 5912	16 53.4
27	5 6 43.81	2 28.64	24 34 30.2	2 52.2	0.208 3233	2 5701	16 52.0
28	5 9 12.45	2 29.02	24 37 22.4	2 43.7	0.210 8934	2 5492	16 50.5
29	5 11 41.47	2 29.39	+24 40 6.1	2 35.2	0.213 4426	2 5283	16 49.1
30	5 14 10.86	2 29.76	24 42 41.3	2 26.6	0.215 9709	2 5074	16 47.6
31	5 16 40.62	2 30.10	24 45 7.9	2 18.0	0.218 4783	2 4865	16 46.2
April 1	5 19 10.72	2 30.45	24 47 25.9	2 9.2	0.220 9648	2 4657	16 44.7
2	5 21 41.17	2 30.79	24 49 35.1	2 0.5	0.223 4305	2 4449	16 43.3
3	5 24 11.96	2 31.10	24 51 35.6	1 51.7	0.225 8754	2 4241	16 41.9
4	5 26 43.06	2 31.40	+24 53 27.3	1 42.7	0.228 2995	2 4034	16 40.5
5	5 29 14.46	2 31.70	24 55 10.0	1 33.8	0.230 7029	2 3828	16 39.1
6	5 31 46.16	2 31.98	24 56 43.8	1 24.7	0.233 0857	2 3623	16 37.7
7	5 34 18.14	2 32.24	24 58 8.5	1 15.7	0.235 4480	2 3419	16 36.3
8	5 36 50.38	2 32.50	24 59 24.2	1 6.5	0.237 7899	2 3216	16 34.9
9	5 39 22.88	2 32.74	25 0 30.7	0 57.2	0.240 1115	2 3015	16 33.5
10	5 41 55.62	2 32.96	+25 1 27.9	0 48.0	0.242 4130	2 2816	16 32.1
11	5 44 28.58	2 33.18	25 2 15.9	0 38.7	0.244 6946	2 2619	16 30.7
12	5 47 1.76	2 33.38	25 2 54.6	0 29.3	0.246 9565	2 2423	16 29.3
13	5 49 35.14	2 33.57	25 3 23.9	0 20.0	0.249 1988	2 2228	16 27.9
14	5 52 8.71	2 33.75	25 3 43.9	0 10.6	0.251 4216	2 2037	16 26.5
15	5 54 42.46	2 33.93	25 3 54.5	0 1.1	0.253 6253	2 1847	16 25.1
16	5 57 16.39	2 34.09	+25 3 55.6	0 8.4	0.255 8100	2 1659	16 23.8
17	5 59 50.48	2 34.25	25 3 47.2	0 17.9	0.257 9759	2 1472	16 22.4
18	6 2 24.73	2 34.40	25 3 29.3	0 27.4	0.260 1231	2 1287	16 21.0
19	6 4 59.13	2 34.53	25 3 1.9	0 37.0	0.262 2518	2 1104	16 19.7
20	6 7 33.66	2 34.65	25 2 24.9	0 46.6	0.264 3622	2 0923	16 18.3
21	6 10 8.31	2 34.78	25 1 38.3	0 56.2	0.266 4545	2 0742	16 16.6
22	6 12 43.09	2 34.90	+25 0 42.1	1 5.7	0.268 5287	2 0563	16 15.6
23	6 15 17.99	2 35.00	24 59 36.4	1 15.4	0.270 5850	2 0385	16 14.2
24	6 17 52.99	2 35.10	24 58 21.0	1 25.0	0.272 6235	2 0208	16 12.9
25	6 20 28.09	2 35.20	24 56 56.0	1 34.6	0.274 6443	2 0032	16 11.5
26	6 23 3.29	2 35.30	24 55 21.4	1 44.3	0.276 6475	1 9857	16 10.2
27	6 25 38.59	2 35.37	24 53 37.1	1 53.9	0.278 6332	1 9682	16 8.8
28	6 28 13.96	2 35.44	+24 51 43.2	2 3.6	0.280 6014	1 9506	16 7.5
29	6 30 49.40	2 35.50	24 49 39.6	2 13.3	0.282 5520	1 9332	16 6.1
30	6 33 24.90	2 35.56	24 47 26.3	2 23.0	0.284 4852	1 9157	16 4.8
Mai 1	6 36 0.46	2 35.61	24 45 3.3	2 32.6	0.286 4009	1 8983	16 3.4
2	6 38 36.07	2 35.65	24 42 30.7	2 42.4	0.288 2992	1 8808	16 2.1
3	6 41 11.72		+24 39 48.3		0.290 1800		16 0.7

Tag	0h Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927	h m s	m s	° ′ ″	′ ″			h m
Mai 3	6 41 11.72	2 35.67	+24 39 48.3	2 52.0	0.290 1800	1 8635	16 0.7
4	6 43 47.39	2 35.68	24 36 56.3	3 1.6	0.292 0435	1 8462	15 59.4
5	6 46 23.07	2 35.68	24 33 54.7	3 11.3	0.293 8897	1 8290	15 58.0
6	6 48 58.75	2 35.68	24 30 43.4	3 20.9	0.295 7187	1 8118	15 56.7
7	6 51 34.43	2 35.66	24 27 22.5	3 30.6	0.297 5305	1 7948	15 55.3
8	6 54 10.09	2 35.63	24 23 51.9	3 40.2	0.299 3253	1 7778	15 54.0
9	6 56 45.72	2 35.59	+24 20 11.7	3 49.8	0.301 1031	1 7611	15 52.6
10	6 59 21.31	2 35.55	24 16 21.9	3 59.4	0.302 8642	1 7445	15 51.3
11	7 1 56.86	2 35.49	24 12 22.5	4 8.9	0.304 6087	1 7280	15 49.9
12	7 4 32.35	2 35.43	24 8 13.6	4 18.4	0.306 3367	1 7118	15 48.6
13	7 7 7.78	2 35.36	24 3 55.2	4 28.0	0.308 0485	1 6956	15 47.2
14	7 9 43.14	2 35.29	23 59 27.2	4 37.4	0.309 7441	1 6796	15 45.9
15	7 12 18.43	2 35.20	+23 54 49.8	4 46.8	0.311 4237	1 6637	15 44.5
16	7 14 53.63	2 35.11	23 50 3.0	4 56.3	0.313 0874	1 6479	15 43.2
17	7 17 28.74	2 35.02	23 45 6.7	5 5.7	0.314 7353	1 6324	15 41.8
18	7 20 3.76	2 34.91	23 40 1.0	5 15.1	0.316 3677	1 6169	15 40.5
19	7 22 38.67	2 34.81	23 34 45.9	5 24.3	0.317 9846	1 6014	15 39.1
20	7 25 13.48	2 34.71	23 29 21.6	5 33.6	0.319 5860	1 5862	15 37.7
21	7 27 48.19	2 34.59	+23 23 48.0	5 42.9	0.321 1722	1 5711	15 36.4
22	7 30 22.78	2 34.49	23 18 5.1	5 52.1	0.322 7433	1 5561	15 35.0
23	7 32 57.27	2 34.37	23 12 13.0	6 1.2	0.324 2994	1 5411	15 33.6
24	7 35 31.64	2 34.24	23 6 11.8	6 10.4	0.325 8405	1 5261	15 32.3
25	7 38 5.88	2 34.12	23 0 1.4	6 19.5	0.327 3666	1 5111	15 30.9
26	7 40 40.00	2 34.00	22 53 41.9	6 28.5	0.328 8777	1 4963	15 29.5
27	7 43 14.00	2 33.86	+22 47 13.4	6 37.5	0.330 3740	1 4813	15 28.1
28	7 45 47.86	2 33.73	22 40 35.9	6 46.5	0.331 8553	1 4664	15 26.8
29	7 48 21.59	2 33.58	22 33 49.4	6 55.4	0.333 3217	1 4515	15 25.4
30	7 50 55.17	2 33.44	22 26 54.0	7 4.3	0.334 7732	1 4365	15 24.0
31	7 53 28.61	2 33.29	22 19 49.7	7 13.1	0.336 2097	1 4215	15 22.6
Juni 1	7 56 1.90	2 33.13	22 12 36.6	7 21.9	0.337 6312	1 4066	15 21.2
2	7 58 35.03	2 32.96	+22 5 14.7	7 30.6	0.339 0378	1 3918	15 19.8
3	8 1 7.99	2 32.78	21 57 44.1	7 39.2	0.340 4296	1 3771	15 18.4
4	8 3 40.77	2 32.61	21 50 4.9	7 47.8	0.341 8067	1 3624	15 17.0
5	8 6 13.38	2 32.43	21 42 17.1	7 56.3	0.343 1691	1 3478	15 15.6
6	8 8 45.81	2 32.24	21 34 20.8	8 4.8	0.344 5169	1 3333	15 14.2
7	8 11 18.05	2 32.05	21 26 16.0	8 13.2	0.345 8502	1 3190	15 12.8
8	8 13 50.10	2 31.85	+21 18 2.8	8 21.6	0.347 1692	1 3047	15 11.4
9	8 16 21.95	2 31.67	21 9 41.2	8 29.8	0.348 4739	1 2905	15 10.0
10	8 18 53.62	2 31.47	21 1 11.4	8 38.1	0.349 7644	1 2764	15 8.6
11	8 21 25.09	2 31.25	20 52 33.3	8 46.2	0.351 0408	1 2625	15 7.2
12	8 23 56.34	2 31.05	20 43 47.1	8 54.2	0.352 3033	1 2486	15 5.8
13	8 26 27.39		+20 34 52.9		0.353 5519		15 4.3

Tag	0h Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927	h m s	m s	° ′ ″	′ ″			h m
Juni 13	8 26 27.39	2 30.84	+20 34 52.9	9 2.3	0.353 5519	1 2350	15 4.3
14	8 28 58.23	2 30.63	20 25 50.6	9 10.3	0.354 7869	1 2214	15 2.9
15	8 31 28.86	2 30.43	20 16 40.3	9 18.2	0.356 0083	1 2079	15 1.5
16	8 33 59.29	2 30.22	20 7 22.1	9 25.9	0.357 2162	1 1946	15 0.0
17	8 36 29.51	2 30.01	19 57 56.2	9 33.7	0.358 4108	1 1813	14 58.6
18	8 38 59.52	2 29.81	19 48 22.5	9 41.5	0.359 5921	1 1680	14 57.1
19	8 41 29.33	2 29.59	+19 38 41.0	9 49.1	0.360 7601	1 1549	14 55.7
20	8 43 58.92	2 29.39	19 28 51.9	9 56.6	0.361 9150	1 1418	14 54.3
21	8 46 28.31	2 29.19	19 18 55.3	10 4.1	0.363 0568	1 1287	14 52.8
22	8 48 57.50	2 28.99	19 8 51.2	10 11.6	0.364 1855	1 1157	14 51.4
23	8 51 26.49	2 28.79	18 58 39.6	10 18.9	0.365 3012	1 1026	14 49.9
24	8 53 55.28	2 28.60	18 48 20.7	10 26.2	0.366 4038	1 0895	14 48.4
25	8 56 23.88	2 28.40	+18 37 54.5	10 33.5	0.367 4933	1 0765	14 46.9
26	8 58 52.28	2 28.19	18 27 21.0	10 40.7	0.368 5698	1 0634	14 45.5
27	9 1 20.47	2 28.00	18 16 40.3	10 47.8	0.369 6332	1 0503	14 44.0
28	9 3 48.47	2 27.79	18 5 52.5	10 54.8	0.370 6835	1 0372	14 42.5
29	9 6 16.26	2 27.59	17 54 57.7	11 1.8	0.371 7207	1 0241	14 41.0
30	9 8 43.85	2 27.39	17 43 55.9	11 8.6	0.372 7448	1 0111	14 39.6
Juli 1	9 11 11.24	2 27.18	+17 32 47.3	11 15.4	0.373 7559	9980	14 38.1
2	9 13 38.42	2 26.98	17 21 31.9	11 22.2	0.374 7539	9850	14 36.6
3	9 16 5.40	2 26.78	17 10 9.7	11 28.8	0.375 7389	9721	14 35.1
4	9 18 32.18	2 26.57	16 58 40.9	11 35.3	0.376 7110	9592	14 33.6
5	9 20 58.75	2 26.37	16 47 5.6	11 41.9	0.377 6702	9465	14 32.1
6	9 23 25.12	2 26.16	16 35 23.7	11 48.2	0.378 6167	9337	14 30.6
7	9 25 51.28	2 25.96	+16 23 35.5	11 54.5	0.379 5504	9211	14 29.1
8	9 28 17.24	2 25.76	16 11 41.0	12 0.7	0.380 4715	9085	14 27.6
9	9 30 43.00	2 25.55	15 59 40.3	12 6.9	0.381 3800	8961	14 26.1
10	9 33 8.55	2 25.35	15 47 33.4	12 12.9	0.382 2761	8837	14 24.6
11	9 35 33.90	2 25.16	15 35 20.5	12 18.9	0.383 1598	8715	14 23.0
12	9 37 59.06	2 24.97	15 23 1.6	12 24.8	0.384 0313	8593	14 21.5
13	9 40 24.03	2 24.77	+15 10 36.8	12 30.6	0.384 8906	8472	14 20.0
14	9 42 48.80	2 24.59	14 58 6.2	12 36.4	0.385 7378	8353	14 18.5
15	9 45 13.39	2 24.41	14 45 29.8	12 42.0	0.386 5731	8235	14 16.9
16	9 47 37.80	2 24.23	14 32 47.8	12 47.7	0.387 3966	8117	14 15.4
17	9 50 2.03	2 24.05	14 20 0.1	12 53.2	0.388 2083	7999	14 13.8
18	9 52 26.08	2 23.89	14 7 6.9	12 58.6	0.389 0082	7881	14 12.3
19	9 54 49.97	2 23.72	+13 54 8.3	13 4.0	0.389 7963	7764	14 10.8
20	9 57 13.69	2 23.56	13 41 4.3	13 9.3	0.390 5727	7647	14 9.2
21	9 59 37.25	2 23.42	13 27 55.0	13 14.6	0.391 3374	7529	14 7.7
22	10 2 0.67	2 23.27	13 14 40.4	13 19.8	0.392 0903	7413	14 6.1
23	10 4 23.94	2 23.12	13 1 20.6	13 24.9	0.392 8316	7295	14 4.6
24	10 6 47.06		+12 47 55.7		0.393 5611		14 3.0

Tag	Oʰ Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927	h m s	m s	° ′ ″	′ ″			h m
Juli 24	10 6 47.06	2 22.99	+12 47 55.7	13 29.9	0.393 5611	7177	14 3.0
25	10 9 10.05	2 22.85	12 34 25.8	13 34.8	0.394 2788	7059	14 1.4
26	10 11 32.90	2 22.71	12 20 51.0	13 39.7	0.394 9847	6940	13 59.9
27	10 13 55.61	2 22.58	12 7 11.3	13 44.5	0.395 6787	6822	13 58.3
28	10 16 18.19	2 22.45	11 53 26.8	13 49.2	0.396 3609	6704	13 56.8
29	10 18 40.64	2 22.33	11 39 37.6	13 53.8	0.397 0313	6586	13 55.2
30	10 21 2.97	2 22.19	+11 25 43.8	13 58.3	0.397 6899	6468	13 53.6
31	10 23 25.16	2 22.07	11 11 45.5	14 2.8	0.398 3367	6350	13 52.0
Aug. 1	10 25 47.23	2 21.96	10 57 42.7	14 7.1	0.398 9717	6233	13 50.5
2	10 28 9.19	2 21.84	10 43 35.6	14 11.4	0.399 5950	6117	13 48.9
3	10 30 31.03	2 21.73	10 29 24.2	14 15.5	0.400 2067	6000	13 47.3
4	10 32 52.76	2 21.63	10 15 8.7	14 19.5	0.400 8067	5885	13 45.7
5	10 35 14.39	2 21.53	+10 0 49.2	14 23.5	0.401 3952	5771	13 44.2
6	10 37 35.92	2 21.42	9 46 25.7	14 27.5	0.401 9723	5656	13 42.6
7	10 39 57.34	2 21.32	9 31 58.2	14 31.3	0.402 5379	5542	13 41.0
8	10 42 18.66	2 21.23	9 17 26.9	14 34.9	0.403 0921	5430	13 39.4
9	10 44 39.89	2 21.15	9 2 52.0	14 38.6	0.403 6351	5318	13 37.8
10	10 47 1.04	2 21.08	8 48 13.4	14 42.2	0.404 1669	5208	13 36.2
11	10 49 22.12	2 21.00	+ 8 33 31.2	14 45.7	0.404 6877	5098	13 34.6
12	10 51 43.12	2 20.93	8 18 45.5	14 49.1	0.405 1975	4988	13 33.0
13	10 54 4.05	2 20.87	8 3 56.4	14 52.4	0.405 6963	4879	13 31.4
14	10 56 24.92	2 20.81	7 49 4.0	14 55.6	0.406 1842	4771	13 29.9
15	10 58 45.73	2 20.77	7 34 8.4	14 58.8	0.406 6613	4663	13 28.3
16	11 1 6.50	2 20.72	7 19 9.6	15 1.9	0.407 1276	4556	13 26.7
17	11 3 27.22	2 20.70	+ 7 4 7.7	15 5.0	0.407 5832	4448	13 25.1
18	11 5 47.92	2 20.67	6 49 2.7	15 7.9	0.408 0280	4339	13 23.5
19	11 8 8.59	2 20.65	6 33 54.8	15 10.8	0.408 4619	4232	13 21.9
20	11 10 29.24	2 20.65	6 18 44.0	15 13.5	0.408 8851	4124	13 20.3
21	11 12 49.89	2 20.65	6 3 30.5	15 16.3	0.409 2975	4016	13 18.7
22	11 15 10.54	2 20.64	5 48 14.2	15 19.0	0.409 6991	3906	13 17.1
23	11 17 31.18	2 20.64	+ 5 32 55.2	15 21.4	0.410 0897	3796	13 15.5
24	11 19 51.82	2 20.66	5 17 33.8	15 23.9	0.410 4693	3687	13 13.9
25	11 22 12.48	2 20.68	5 2 9.9	15 26.3	0.410 8380	3577	13 12.3
26	11 24 33.16	2 20.69	4 46 43.6	15 28.7	0.411 1957	3468	13 10.7
27	11 26 53.85	2 20.71	4 31 14.9	15 30.8	0.411 5425	3359	13 9.1
28	11 29 14.56	2 20.75	4 15 44.1	15 32.8	0.411 8784	3249	13 7.5
29	11 31 35.31	2 20.78	+ 4 0 11.3	15 34.8	0.412 2033	3141	13 5.9
30	11 33 56.09	2 20.82	3 44 36.5	15 36.7	0.412 5174	3031	13 4.3
31	11 36 16.91	2 20.86	3 28 59.8	15 38.5	0.412 8205	2923	13 2.7
Sept. 1	11 38 37.77	2 20.91	3 13 21.3	15 40.2	0.413 1128	2814	13 1.1
2	11 40 58.68	2 20.97	2 57 41.1	15 41.9	0.413 3942	2707	12 59.5
3	11 43 19.65		+ 2 41 59.2		0.413 6649		12 57.9

Tag	0h Welt-Zeit: Scheinbare Rektaszension	Diff.	0h Welt-Zeit: Scheinbare Deklination	Diff.	0h Welt-Zeit: log Δ	Diff.	Obere Kulmination in Greenwich
1927	h m s	m s	° ′ ″	′ ″			h m
Sept. 3	11 43 19.65	2 21.03	+2 41 59.2	15 43.3	0.413 6649	2600	12 57.9
4	11 45 40.68	2 21.09	2 26 15.9	15 44.7	0.413 9249	2494	12 56.4
5	11 48 1.77	2 21.16	2 10 31.2	15 46.1	0.414 1743	2388	12 54.8
6	11 50 22.93	2 21.24	1 54 45.1	15 47.3	0.414 4131	2284	12 53.2
7	11 52 44.17	2 21.32	1 38 57.8	15 48.5	0.414 6415	2179	12 51.6
8	11 55 5.49	2 21.42	1 23 9.3	15 49.5	0.414 8594	2075	12 50.0
9	11 57 26.91	2 21.52	+1 7 19.8	15 50.3	0.415 0669	1972	12 48.4
10	11 59 48.43	2 21.63	0 51 29.5	15 51.2	0.415 2641	1871	12 46.9
11	12 2 10.06	2 21.75	0 35 38.3	15 52.1	0.415 4512	1769	12 45.3
12	12 4 31.81	2 21.87	0 19 46.2	15 52.7	0.415 6281	1669	12 43.7
13	12 6 53.68	2 22.00	+0 3 53.5	15 53.4	0.415 7950	1567	12 42.1
14	12 9 15.68	2 22.14	−0 11 59.9	15 53.9	0.415 9517	1467	12 40.5
15	12 11 37.82	2 22.29	−0 27 53.8	15 54.4	0.416 0984	1366	12 39.0
16	12 14 0.11	2 22.44	0 43 48.2	15 54.7	0.416 2350	1265	12 37.4
17	12 16 22.55	2 22.61	0 59 42.9	15 54.9	0.416 3615	1163	12 35.8
18	12 18 45.16	2 22.78	1 15 37.8	15 55.2	0.416 4778	1061	12 34.3
19	12 21 7.94	2 22.97	1 31 33.0	15 55.4	0.416 5839	959	12 32.7
20	12 23 30.91	2 23.15	1 47 28.4	15 55.3	0.416 6798	856	12 31.2
21	12 25 54.06	2 23.34	−2 3 23.7	15 55.1	0.416 7654	753	12 29.6
22	12 28 17.40	2 23.54	2 19 18.8	15 54.9	0.416 8407	651	12 28.1
23	12 30 40.94	2 23.74	2 35 13.7	15 54.6	0.416 9058	548	12 26.5
24	12 33 4.68	2 23.95	2 51 8.3	15 54.3	0.416 9606	444	12 25.0
25	12 35 28.63	2 24.16	3 7 2.6	15 53.7	0.417 0050	340	12 23.4
26	12 37 52.79	2 24.38	3 22 56.3	15 53.0	0.417 0390	238	12 21.9
27	12 40 17.17	2 24.62	−3 38 49.3	15 52.3	0.417 0628	134	12 20.4
28	12 42 41.79	2 24.84	3 54 41.6	15 51.4	0.417 0762	32	12 18.8
29	12 45 6.63	2 25.07	4 10 33.0	15 50.5	0.417 0794	69	12 17.3
30	12 47 31.70	2 25.32	4 26 23.5	15 49.3	0.417 0725	171	12 15.8
Okt. 1	12 49 57.02	2 25.58	4 42 12.8	15 48.1	0.417 0554	273	12 14.3
2	12 52 22.60	2 25.83	4 58 0.9	15 46.8	0.417 0281	373	12 12.8
3	12 54 48.43	2 26.08	−5 13 47.7	15 45.4	0.416 9908	474	12 11.2
4	12 57 14.51	2 26.35	5 29 33.1	15 43.9	0.416 9434	574	12 9.7
5	12 59 40.86	2 26.63	5 45 17.0	15 42.2	0.416 8860	673	12 8.2
6	13 2 7.49	2 26.90	6 0 59.2	15 40.4	0.416 8187	771	12 6.7
7	13 4 34.39	2 27.20	6 16 39.6	15 38.5	0.416 7416	868	12 5.2
8	13 7 1.59	2 27.49	6 32 18.1	15 36.5	0.416 6548	965	12 3.8
9	13 9 29.08	2 27.79	−6 47 54.6	15 34.5	0.416 5583	1060	12 2.3
10	13 11 56.87	2 28.11	7 3 29.1	15 32.3	0.416 4523	1155	12 0.8
11	13 14 24.98	2 28.44	7 19 1.4	15 29.9	0.416 3368	1251	11 59.3
12	13 16 53.42	2 28.76	7 34 31.3	15 27.5	0.416 2117	1346	11 57.9
13	13 19 22.18	2 29.10	7 49 58.8	15 25.1	0.416 0771	1440	11 56.4
14	13 21 51.28		−8 5 23.9		0.415 9331		11 55.0

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927		h m s	m s	° ′ ″	′ ″			h m
Okt.	14	13 21 51.28	2 29.45	− 8 5 23.9	15 22.5	0.415 9331	1536	11 55.0
	15	13 24 20.73	2 29.80	8 20 46.4	15 19.8	0.415 7795	1632	11 53.5
	16	13 26 50.53	2 30.16	8 36 6.2	15 17.0	0.415 6163	1726	11 52.1
	17	13 29 20.69	2 30.53	8 51 23.2	15 14.1	0.415 4437	1822	11 50.6
	18	13 31 51.22	2 30.91	9 6 37.3	15 10.9	0.415 2615	1919	11 49.2
	19	13 34 22.13	2 31.28	9 21 48.2	15 7.7	0.415 0696	2016	11 47.8
	20	13 36 53.41	2 31.67	− 9 36 55.9	15 4.5	0.414 8680	2114	11 46.4
	21	13 39 25.08	2 32.07	9 52 0.4	15 1.1	0.414 6566	2210	11 44.9
	22	13 41 57.15	2 32.47	10 7 1.5	14 57.6	0.414 4356	2306	11 43.5
	23	13 44 29.62	2 32.87	10 21 59.1	14 53.8	0.414 2050	2404	11 42.1
	24	13 47 2.49	2 33.28	10 36 52.9	14 50.0	0.413 9646	2501	11 40.7
	25	13 49 35.77	2 33.69	10 51 42.9	14 46.0	0.413 7145	2598	11 39.4
	26	13 52 9.46	2 34.11	−11 6 28.9	14 41.9	0.413 4547	2695	11 38.0
	27	13 54 43.57	2 34.53	11 21 10.8	14 37.7	0.413 1852	2790	11 36.7
	28	13 57 18.10	2 34.95	11 35 48.5	14 33.3	0.412 9062	2886	11 35.3
	29	13 59 53.05	2 35.38	11 50 21.8	14 28.9	0.412 6176	2982	11 33.9
	30	14 2 28.43	2 35.82	12 4 50.7	14 24.2	0.412 3194	3077	11 32.6
	31	14 5 4.25	2 36.26	12 19 14.9	14 19.4	0.412 0117	3172	11 31.2
Nov.	1	14 7 40.51	2 36.71	−12 33 34.3	14 14.5	0.411 6945	3265	11 29.9
	2	14 10 17.22	2 37.15	12 47 48.8	14 9.4	0.411 3680	3359	11 28.5
	3	14 12 54.37	2 37.61	13 1 58.2	14 4.2	0.411 0321	3451	11 27.2
	4	14 15 31.98	2 38.06	13 16 2.4	13 58.9	0.410 6870	3542	11 25.9
	5	14 18 10.04	2 38.53	13 30 1.3	13 53.4	0.410 3328	3631	11 24.6
	6	14 20 48.57	2 39.01	13 43 54.7	13 47.9	0.409 9697	3721	11 23.3
	7	14 23 27.58	2 39.49	−13 57 42.6	13 42.1	0.409 5976	3809	11 22.0
	8	14 26 7.07	2 39.97	14 11 24.7	13 36.3	0.409 2167	3898	11 20.8
	9	14 28 47.04	2 40.46	14 25 1.0	13 30.3	0.408 8269	3986	11 19.5
	10	14 31 27.50	2 40.96	14 38 31.3	13 24.2	0.408 4283	4074	11 18.2
	11	14 34 8.46	2 41.47	14 51 55.5	13 18.0	0.408 0209	4162	11 17.0
	12	14 36 49.93	2 41.98	15 5 13.5	13 11.6	0.407 6047	4251	11 15.7
	13	14 39 31.91	2 42.49	−15 18 25.1	13 5.1	0.407 1796	4338	11 14.5
	14	14 42 14.40	2 43.00	15 31 30.2	12 58.5	0.406 7458	4426	11 13.3
	15	14 44 57.40	2 43.53	15 44 28.7	12 51.7	0.406 3032	4515	11 12.1
	16	14 47 40.93	2 44.05	15 57 20.4	12 44.8	0.405 8517	4604	11 10.9
	17	14 50 24.98	2 44.59	16 10 5.2	12 37.7	0.405 3913	4693	11 9.6
	18	14 53 9.57	2 45.12	16 22 42.9	12 30.5	0.404 9220	4782	11 8.4
	19	14 55 54.69	2 45.65	−16 35 13.4	12 23.1	0.404 4438	4872	11 7.2
	20	14 58 40.34	2 46.19	16 47 36.5	12 15.6	0.403 9566	4961	11 6.0
	21	15 1 26.53	2 46.72	16 59 52.1	12 8.0	0.403 4605	5050	11 4.9
	22	15 4 13.25	2 47.26	17 12 0.1	12 0.1	0.402 9555	5138	11 3.7
	23	15 7 0.51	2 47.80	17 24 0.2	11 52.1	0.402 4417	5226	11 2.6
	24	15 9 48.31		−17 35 52.3		0.401 9191		11 1.4

Tag	0h Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927	h m s	m s	° ′ ″	′ ″			h m
Nov. 24	15 9 48.31	2 48.34	−17 35 52.3	11 43.9	0.401 9191	5316	11 1.4
25	15 12 36.65	2 48.87	17 47 36.2	11 35.7	0.401 3875	5405	11 0.3
26	15 15 25.52	2 49.41	17 59 11.9	11 27.3	0.400 8470	5491	10 59.2
27	15 18 14.93	2 49.95	18 10 39.2	11 18.7	0.400 2979	5578	10 58.1
28	15 21 4.88	2 50.49	18 21 57.9	11 9.9	0.399 7401	5665	10 57.0
29	15 23 55.37	2 51.03	18 33 7.8	11 1.0	0.399 1736	5750	10 55.9
30	15 26 46.40	2 51.56	−18 44 8.8	10 51.9	0.398 5986	5834	10 54.8
Dez. 1	15 29 37.96	2 52.10	18 55 0.7	10 42.7	0.398 0152	5917	10 53.7
2	15 32 30.06	2 52.64	19 5 43.4	10 33.3	0.397 4235	5999	10 52.7
3	15 35 22.70	2 53.18	19 16 16.7	10 23.9	0.396 8236	6081	10 51.6
4	15 38 15.88	2 53.71	19 26 40.6	10 14.2	0.396 2155	6162	10 50.5
5	15 41 9.59	2 54.25	19 36 54.8	10 4.4	0.395 5993	6242	10 49.5
6	15 44 3.84	2 54.79	−19 46 59.2	9 54.5	0.394 9751	6321	10 48.5
7	15 46 58.63	2 55.33	19 56 53.7	9 44.4	0.394 3430	6399	10 47.5
8	15 49 53.96	2 55.87	20 6 38.1	9 34.2	0.393 7031	6477	10 46.4
9	15 52 49.83	2 56.41	20 16 12.3	9 23.9	0.393 0554	6554	10 45.4
10	15 55 46.24	2 56.95	20 25 36.2	9 13.4	0.392 4000	6632	10 44.4
11	15 58 43.19	2 57.48	20 34 49.6	9 2.9	0.391 7368	6709	10 43.4
12	16 1 40.67	2 58.01	−20 43 52.5	8 52.1	0.391 0659	6787	10 42.5
13	16 4 38.68	2 58.55	20 52 44.6	8 41.3	0.390 3872	6864	10 41.5
14	16 7 37.23	2 59.09	21 1 25.9	8 30.2	0.389 7008	6942	10 40.5
15	16 10 36.32	2 59.61	21 9 56.1	8 19.0	0.389 0066	7021	10 39.6
16	16 13 35.93	3 0.13	21 18 15.1	8 7.7	0.388 3045	7099	10 38.6
17	16 16 36.06	3 0.65	21 26 22.8	7 56.3	0.387 5946	7176	10 37.7
18	16 19 36.71	3 1.17	−21 34 19.1	7 44.7	0.386 8770	7254	10 36.8
19	16 22 37.88	3 1.67	21 42 3.8	7 33.0	0.386 1516	7331	10 35.8
20	16 25 39.55	3 2.16	21 49 36.8	7 21.1	0.385 4185	7409	10 34.9
21	16 28 41.71	3 2.66	21 56 57.9	7 9.1	0.384 6776	7486	10 34.0
22	16 31 44.37	3 3.14	22 4 7.0	6 57.0	0.383 9290	7562	10 33.1
23	16 34 47.51	3 3.62	22 11 4.0	6 44.7	0.383 1728	7638	10 32.2
24	16 37 51.13	3 4.08	−22 17 48.7	6 32.3	0.382 4090	7713	10 31.4
25	16 40 55.21	3 4.54	22 24 21.0	6 19.8	0.381 6377	7789	10 30.5
26	16 43 59.75	3 4.99	22 30 40.8	6 7.1	0.380 8588	7863	10 29.6
27	16 47 4.74	3 5.44	22 36 47.9	5 54.3	0.380 0725	7937	10 28.8
28	16 50 10.18	3 5.87	22 42 42.2	5 41.5	0.379 2788	8009	10 27.9
29	16 53 16.05	3 6.29	22 48 23.7	5 28.4	0.378 4779	8080	10 27.1
30	16 56 22.34	3 6.70	−22 53 52.1	5 15.3	0.377 6699	8149	10 26.2
31	16 59 29.04	3 7.10	22 59 7.4	5 2.0	0.376 8550	8219	10 25.4
32	17 2 36.14		−23 4 9.4		0.376 0331		10 24.6

Tag	0h Welt-Zeit: Scheinbare Rektaszension	Diff.	0h Welt-Zeit: Scheinbare Deklination	Diff.	log Δ	Diff.	Obere Kulmination in Greenwich
1927	h m s	s	° ′ ″	′ ″			h m
Jan. 0	21 54 41.19	46.38	−13 43 15.6	4 8.1	0.749 4500	8850	15 18.0
1	21 55 27.57	46.70	13 39 7.5	4 10.3	0.750 3350	8713	15 14.9
2	21 56 14.27	47.00	13 34 57.2	4 12.6	0.751 2063	8576	15 11.7
3	21 57 1.27	47.31	13 30 44.6	4 14.7	0.752 0639	8439	15 8.6
4	21 57 48.58	47.59	13 26 29.9	4 16.7	0.752 9078	8300	15 5.4
5	21 58 36.17	47.87	13 22 13.2	4 18.9	0.753 7378	8161	15 2.3
6	21 59 24.04	48.16	−13 17 54.3	4 20.9	0.754 5539	8021	14 59.2
7	22 0 12.20	48.44	13 13 33.4	4 22.9	0.755 3560	7880	14 56.0
8	22 1 0.64	48.69	13 9 10.5	4 25.0	0.756 1440	7738	14 52.9
9	22 1 49.33	48.95	13 4 45.5	4 26.9	0.756 9178	7596	14 49.8
10	22 2 38.28	49.19	13 0 18.6	4 28.7	0.757 6774	7454	14 46.7
11	22 3 27.47	49.43	12 55 49.9	4 30.7	0.758 4228	7311	14 43.5
12	22 4 16.90	49.66	−12 51 19.2	4 32.5	0.759 1539	7168	14 40.4
13	22 5 6.56	49.88	12 46 46.7	4 34.3	0.759 8707	7024	14 37.3
14	22 5 56.44	50.11	12 42 12.4	4 36.2	0.760 5731	6881	14 34.2
15	22 6 46.55	50.33	12 37 36.2	4 37.9	0.761 2612	6737	14 31.1
16	22 7 36.88	50.54	12 32 58.3	4 39.6	0.761 9349	6593	14 28.0
17	22 8 27.42	50.74	12 28 18.7	4 41.4	0.762 5942	6450	14 24.9
18	22 9 18.16	50.93	−12 23 37.3	4 43.1	0.763 2392	6305	14 21.8
19	22 10 9.09	51.13	12 18 54.2	4 44.7	0.763 8697	6160	14 18.7
20	22 11 0.22	51.31	12 14 9.5	4 46.3	0.764 4857	6015	14 15.7
21	22 11 51.53	51.49	12 9 23.2	4 47.8	0.765 0872	5869	14 12.6
22	22 12 43.02	51.67	12 4 35.4	4 49.5	0.765 6741	5723	14 9.5
23	22 13 34.69	51.84	11 59 45.9	4 51.2	0.766 2464	5575	14 6.4
24	22 14 26.53	52.00	−11 54 54.7	4 52.6	0.766 8039	5429	14 3.4
25	22 15 18.53	52.17	11 50 2.1	4 54.0	0.767 3468	5283	14 0.3
26	22 16 10.70	52.33	11 45 8.1	4 55.6	0.767 8751	5135	13 57.2
27	22 17 3.03	52.48	11 40 12.5	4 57.0	0.768 3886	4987	13 54.2
28	22 17 55.51	52.61	11 35 15.5	4 58.4	0.768 8873	4839	13 51.1
29	22 18 48.12	52.75	11 30 17.1	4 59.8	0.769 3712	4689	13 48.1
30	22 19 40.87	52.89	−11 25 17.3	5 1.1	0.769 8401	4539	13 45.0
31	22 20 33.76	53.02	11 20 16.2	5 2.5	0.770 2940	4390	13 41.9
Febr. 1	22 21 26.78	53.13	11 15 13.7	5 3.7	0.770 7330	4239	13 38.9
2	22 22 19.91	53.25	11 10 10.0	5 4.9	0.771 1569	4088	13 35.8
3	22 23 13.16	53.35	11 5 5.1	5 6.2	0.771 5657	3937	13 32.8
4	22 24 6.51	53.46	10 59 58.9	5 7.4	0.771 9594	3786	13 29.7
5	22 24 59.97	53.55	−10 54 51.5	5 8.5	0.772 3380	3634	13 26.7
6	22 25 53.52	53.64	10 49 43.0	5 9.7	0.772 7014	3483	13 23.7
7	22 26 47.16	53.73	10 44 33.3	5 10.7	0.773 0497	3332	13 20.6
8	22 27 40.89	53.80	10 39 22.6	5 11.7	0.773 3829	3181	13 17.6
9	22 28 34.69	53.88	10 34 10.9	5 12.7	0.773 7010	3030	13 14.6
10	22 29 28.57		−10 28 58.2		0.774 0040		13 11.5

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927		h m s	s	° ′ ″	′ ″			h m
Febr.	10	22 29 28.57	53.94	−10 28 58.2	5 13.6	0.774 0040	2879	13 11.5
	11	22 30 22.51	54.01	10 23 44.6	5 14.6	0.774 2919	2728	13 8.5
	12	22 31 16.52	54.06	10 18 30.0	5 15.4	0.774 5647	2578	13 5.4
	13	22 32 10.58	54.11	10 13 14.6	5 16.3	0.774 8225	2428	13 2.4
	14	22 33 4.69	54.17	10 7 58.3	5 17.2	0.775 0653	2277	12 59.4
	15	22 33 58.86	54.21	10 2 41.1	5 18.0	0.775 2930	2127	12 56.3
	16	22 34 53.07	54.25	− 9 57 23.1	5 18.7	0.775 5057	1977	12 53.3
	17	22 35 47.32	54.28	9 52 4.4	5 19.5	0.775 7034	1828	12 50.3
	18	22 36 41.60	54.31	9 46 44.9	5 20.2	0.775 8862	1678	12 47.3
	19	22 37 35.91	54.35	9 41 24.7	5 20.9	0.776 0540	1529	12 44.2
	20	22 38 30.26	54.36	9 36 3.8	5 21.5	0.776 2069	1379	12 41.2
	21	22 39 24.62	54.38	9 30 42.3	5 22.2	0.776 3448	1228	12 38.2
	22	22 40 19.00	54.40	− 9 25 20.1	5 22.7	0.776 4676	1078	12 35.1
	23	22 41 13.40	54.41	9 19 57.4	5 23.3	0.776 5754	928	12 32.1
	24	22 42 7.81	54.42	9 14 34.1	5 23.9	0.776 6682	777	12 29.1
	25	22 43 2.23	54.41	9 9 10.2	5 24.3	0.776 7459	626	12 26.0
	26	22 43 56.64	54.41	9 3 45.9	5 24.8	0.776 8085	476	12 23.0
	27	22 44 51.05	54.40	8 58 21.1	5 25.3	0.776 8561	324	12 20.0
	28	22 45 45.45	54.38	− 8 52 55.8	5 25.6	0.776 8885	173	12 16.9
März	1	22 46 39.83	54.37	8 47 30.2	5 25.9	0.776 9058	22	12 13.9
	2	22 47 34.20	54.35	8 42 4.3	5 26.3	0.776 9080	128	12 10.9
	3	22 48 28.55	54.31	8 36 38.0	5 26.5	0.776 8952	280	12 7.9
	4	22 49 22.86	54.29	8 31 11.5	5 26.9	0.776 8672	431	12 4.8
	5	22 50 17.15	54.25	8 25 44.6	5 27.0	0.776 8241	582	12 1.8
	6	22 51 11.40	54.19	− 8 20 17.6	5 27.1	0.776 7659	732	11 58.8
	7	22 52 5.59	54.15	8 14 50.5	5 27.3	0.776 6927	883	11 55.7
	8	22 52 59.74	54.10	8 9 23.2	5 27.4	0.776 6044	1034	11 52.7
	9	22 53 53.84	54.03	8 3 55.8	5 27.4	0.776 5010	1183	11 49.6
	10	22 54 47.87	53.97	7 58 28.4	5 27.4	0.776 3827	1331	11 46.6
	11	22 55 41.84	53.90	7 53 1.0	5 27.4	0.776 2496	1480	11 43.6
	12	22 56 35.74	53.83	− 7 47 33.6	5 27.3	0.776 1016	1629	11 40.6
	13	22 57 29.57	53.75	7 42 6.3	5 27.2	0.775 9387	1777	11 37.5
	14	22 58 23.32	53.67	7 36 39.1	5 27.1	0.775 7610	1924	11 34.5
	15	22 59 16.99	53.59	7 31 12.0	5 27.0	0.775 5686	2071	11 31.4
	16	23 0 10.58	53.50	7 25 45.0	5 26.7	0.775 3615	2218	11 28.4
	17	23 1 4.08	53.41	7 20 18.3	5 26.5	0.775 1397	2365	11 25.3
	18	23 1 57.49	53.32	− 7 14 51.8	5 26.3	0.774 9032	2511	11 22.3
	19	23 2 50.81	53.22	7 9 25.5	5 25.9	0.774 6521	2657	11 19.3
	20	23 3 44.03	53.11	7 3 59.6	5 25.6	0.774 3864	2803	11 16.2
	21	23 4 37.14	53.01	6 58 34.0	5 25.3	0.774 1061	2948	11 13.2
	22	23 5 30.15	52.90	6 53 8.7	5 24.9	0.773 8113	3094	11 10.1
	23	23 6 23.05		− 6 47 43.8		0.773 5019		11 7.0

Tag	0h Welt-Zeit: Scheinbare Rektaszension	Diff.	0h Welt-Zeit: Scheinbare Deklination	Diff.	0h Welt-Zeit: log Δ	Diff.	Obere Kulmination in Greenwich
1927	h m s	s	° ′ ″	′ ″			h m
März 23	23 6 23.05	52.78	−6 47 43.8	5 24.5	0.773 5019	3240	11 7.0
24	23 7 15.83	52.67	6 42 19.3	5 23.9	0.773 1779	3386	11 4.0
25	23 8 8.50	52.54	6 36 55.4	5 23.5	0.772 8393	3532	11 0.9
26	23 9 1.04	52.41	6 31 31.9	5 23.0	0.772 4861	3678	10 57.8
27	23 9 53.45	52.29	6 26 8.9	5 22.5	0.772 1183	3823	10 54.8
28	23 10 45.74	52.15	6 20 46.4	5 21.8	0.771 7360	3968	10 51.7
29	23 11 37.89	52.01	−6 15 24.6	5 21.2	0.771 3392	4114	10 48.7
30	23 12 29.90	51.87	6 10 3.4	5 20.5	0.770 9278	4259	10 45.6
31	23 13 21.77	51.72	6 4 42.9	5 19.8	0.770 5019	4403	10 42.5
April 1	23 14 13.49	51.56	5 59 23.1	5 19.0	0.770 0616	4548	10 39.4
2	23 15 5.05	51.40	5 54 4.1	5 18.2	0.769 6068	4693	10 36.3
3	23 15 56.45	51.23	5 48 45.9	5 17.4	0.769 1375	4836	10 33.2
4	23 16 47.68	51.06	−5 43 28.5	5 16.4	0.768 6539	4980	10 30.2
5	23 17 38.74	50.88	5 38 12.1	5 15.5	0.768 1559	5122	10 27.1
6	23 18 29.62	50.70	5 32 56.6	5 14.5	0.767 6437	5264	10 24.0
7	23 19 20.32	50.51	5 27 42.1	5 13.6	0.767 1173	5405	10 20.9
8	23 20 10.83	50.33	5 22 28.5	5 12.5	0.766 5768	5546	10 17.8
9	23 21 1.16	50.14	5 17 16.0	5 11.4	0.766 0222	5687	10 14.7
10	23 21 51.30	49.93	−5 12 4.6	5 10.3	0.765 4535	5825	10 11.6
11	23 22 41.23	49.73	5 6 54.3	5 9.2	0.764 8710	5963	10 8.5
12	23 23 30.96	49.53	5 1 45.1	5 8.0	0.764 2747	6101	10 5.4
13	23 24 20.49	49.32	4 56 37.1	5 6.7	0.763 6646	6239	10 2.3
14	23 25 9.81	49.11	4 51 30.4	5 5.5	0.763 0407	6375	9 59.2
15	23 25 58.92	48.89	4 46 24.9	5 4.2	0.762 4032	6512	9 56.1
16	23 26 47.81	48.68	−4 41 20.7	5 2.9	0.761 7520	6649	9 52.9
17	23 27 36.49	48.45	4 36 17.8	5 1.5	0.761 0871	6785	9 49.8
18	23 28 24.94	48.21	4 31 16.3	5 0.2	0.760 4086	6921	9 46.7
19	23 29 13.15	47.98	4 26 16.1	4 58.7	0.759 7165	7056	9 43.5
20	23 30 1.13	47.75	4 21 17.4	4 57.2	0.759 0109	7190	9 40.4
21	23 30 48.88	47.51	4 16 20.2	4 55.8	0.758 2919	7325	9 37.3
22	23 31 36.39	47.26	−4 11 24.4	4 54.2	0.757 5594	7459	9 34.1
23	23 32 23.65	47.01	4 6 30.2	4 52.6	0.756 8135	7593	9 31.0
24	23 33 10.66	46.76	4 1 37.6	4 51.1	0.756 0542	7727	9 27.8
25	23 33 57.42	46.49	3 56 46.5	4 49.4	0.755 2815	7859	9 24.7
26	23 34 43.91	46.23	3 51 57.1	4 47.6	0.754 4956	7992	9 21.5
27	23 35 30.14	45.95	3 47 9.5	4 46.0	0.753 6964	8125	9 18.3
28	23 36 16.09	45.68	−3 42 23.5	4 44.2	0.752 8839	8256	9 15.2
29	23 37 1.77	45.39	3 37 39.3	4 42.3	0.752 0583	8386	9 12.0
30	23 37 47.16	45.10	3 32 57.0	4 40.5	0.751 2197	8516	9 8.8
Mai 1	23 38 32.26	44.81	3 28 16.5	4 38.6	0.750 3681	8646	9 5.6
2	23 39 17.07	44.51	3 23 37.9	4 36.6	0.749 5035	8774	9 2.4
3	23 40 1.58		−3 19 1.3		0.748 6261		8 59.2

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927		h m s	s	° ′ ″	′ ″			h m
Mai	3	23 40 1.58	44.20	−3 19 1.3	4 34.6	0.748 6261	8902	8 59.2
	4	23 40 45.78	43.89	3 14 26.7	4 32.6	0.747 7359	9029	8 56.0
	5	23 41 29.67	43.57	3 9 54.1	4 30.5	0.746 8330	9154	8 52.8
	6	23 42 13.24	43.25	3 5 23.6	4 28.3	0.745 9176	9279	8 49.6
	7	23 42 56.49	42.93	3 0 55.3	4 26.2	0.744 9897	9402	8 46.4
	8	23 43 39.42	42.60	2 56 29.1	4 24.0	0.744 0495	9523	8 43.2
	9	23 44 22.02	42.26	−2 52 5.1	4 21.8	0.743 0972	9645	8 40.0
	10	23 45 4.28	41.92	2 47 43.3	4 19.6	0.742 1327	9765	8 36.7
	11	23 45 46.20	41.57	2 43 23.7	4 17.2	0.741 1562	9884	8 33.5
	12	23 46 27.77	41.22	2 39 6.5	4 14.8	0.740 1678	1 0002	8 30.2
	13	23 47 8.99	40.87	2 34 51.7	4 12.5	0.739 1676	1 0119	8 27.0
	14	23 47 49.86	40.52	2 30 39.2	4 10.1	0.738 1557	1 0235	8 23.7
	15	23 48 30.38	40.15	−2 26 29.1	4 7.6	0.737 1322	1 0351	8 20.5
	16	23 49 10.53	39.78	2 22 21.5	4 5.2	0.736 0971	1 0465	8 17.2
	17	23 49 50.31	39.41	2 18 16.3	4 2.6	0.735 0506	1 0579	8 13.9
	18	23 50 29.72	39.03	2 14 13.7	4 0.0	0.733 9927	1 0692	8 10.7
	19	23 51 8.75	38.65	2 10 13.7	3 57.5	0.732 9235	1 0804	8 7.4
	20	23 51 47.40	38.26	2 6 16.2	3 54.9	0.731 8431	1 0916	8 4.1
	21	23 52 25.66	37.85	−2 2 21.3	3 52.1	0.730 7515	1 1025	8 0.8
	22	23 53 3.51	37.46	1 58 29.2	3 49.5	0.729 6490	1 1135	7 57.5
	23	23 53 40.97	37.05	1 54 39.7	3 46.7	0.728 5355	1 1243	7 54.1
	24	23 54 18.02	36.64	1 50 53.0	3 44.0	0.727 4112	1 1349	7 50.8
	25	23 54 54.66	36.22	1 47 9.0	3 41.1	0.726 2763	1 1455	7 47.5
	26	23 55 30.88	35.79	1 43 27.9	3 38.2	0.725 1308	1 1560	7 44.2
	27	23 56 6.67	35.35	−1 39 49.7	3 35.2	0.723 9748	1 1665	7 40.8
	28	23 56 42.02	34.92	1 36 14.5	3 32.2	0.722 8083	1 1766	7 37.5
	29	23 57 16.94	34.47	1 32 42.3	3 29.2	0.721 6317	1 1865	7 34.1
	30	23 57 51.41	34.01	1 29 13.1	3 26.2	0.720 4452	1 1965	7 30.8
	31	23 58 25.42	33.56	1 25 46.9	3 23.0	0.719 2487	1 2061	7 27.4
Juni	1	23 58 58.98	33.09	1 22 23.9	3 19.8	0.718 0426	1 2155	7 24.0
	2	23 59 32.07	32.61	−1 19 4.1	3 16.7	0.716 8271	1 2249	7 20.6
	3	0 0 4.68	32.13	1 15 47.4	3 13.5	0.715 6022	1 2340	7 17.2
	4	0 0 36.81	31.65	1 12 33.9	3 10.1	0.714 3682	1 2428	7 13.8
	5	0 1 8.46	31.16	1 9 23.8	3 6.8	0.713 1254	1 2515	7 10.4
	6	0 1 39.62	30.67	1 6 17.0	3 3.4	0.711 8739	1 2601	7 7.0
	7	0 2 10.29	30.17	1 3 13.6	3 0.0	0.710 6138	1 2683	7 3.6
	8	0 2 40.46	29.67	−1 0 13.6	2 56.6	0.709 3455	1 2764	7 0.1
	9	0 3 10.13	29.16	0 57 17.0	2 53.1	0.708 0691	1 2843	6 56.7
	10	0 3 39.29	28.63	0 54 23.9	2 49.7	0.706 7848	1 2921	6 53.2
	11	0 4 7.92	28.12	0 51 34.2	2 46.1	0.705 4927	1 2996	6 49.8
	12	0 4 36.04	27.59	0 48 48.1	2 42.5	0.704 1931	1 3070	6 46.3
	13	0 5 3.63		−0 46 5.6		0.702 8861		6 42.8

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927		h m s	s	° ′ ″	′ ″			h m
Juni	13	0 5 3.63	27.05	−0 46 5.6	2 39.0	0.702 8861	1 3141	6 42.8
	14	0 5 30.68	26.52	0 43 26.6	2 35.4	0.701 5720	1 3211	6 39.4
	15	0 5 57.20	25.98	0 40 51.2	2 31.7	0.700 2509	1 3277	6 35.9
	16	0 6 23.18	25.43	0 38 19.5	2 27.9	0.698 9232	1 3342	6 32.4
	17	0 6 48.61	24.87	0 35 51.6	2 24.2	0.697 5890	1 3406	6 28.9
	18	0 7 13.48	24.31	0 33 27.4	2 20.4	0.696 2484	1 3467	6 25.3
	19	0 7 37.79	23.74	−0 31 7.0	2 16.6	0.694 9017	1 3527	6 21.8
	20	0 8 1.53	23.16	0 28 50.4	2 12.8	0.693 5490	1 3584	6 18.3
	21	0 8 24.69	22.58	0 26 37.6	2 8.9	0.692 1906	1 3638	6 14.7
	22	0 8 47.27	21.99	0 24 28.7	2 4.9	0.690 8268	1 3690	6 11.1
	23	0 9 9.26	21.40	0 22 23.8	2 0.9	0.689 4578	1 3740	6 7.6
	24	0 9 30.66	20.79	0 20 22.9	1 56.9	0.688 0838	1 3786	6 4.0
	25	0 9 51.45	20.19	−0 18 26.0	1 52.8	0.686 7052	1 3829	6 0.4
	26	0 10 11.64	19.57	0 16 33.2	1 48.7	0.685 3223	1 3868	5 56.8
	27	0 10 31.21	18.95	0 14 44.5	1 44.6	0.683 9355	1 3906	5 53.2
	28	0 10 50.16	18.32	0 12 59.9	1 40.4	0.682 5449	1 3939	5 49.6
	29	0 11 8.48	17.68	0 11 19.5	1 36.1	0.681 1510	1 3969	5 45.9
	30	0 11 26.16	17.04	0 9 43.4	1 31.9	0.679 7541	1 3995	5 42.3
Juli	1	0 11 43.20	16.40	−0 8 11.5	1 27.6	0.678 3546	1 4018	5 38.6
	2	0 11 59.60	15.75	0 6 43.9	1 23.3	0.676 9528	1 4037	5 35.0
	3	0 12 15.35	15.09	0 5 20.6	1 18.9	0.675 5491	1 4053	5 31.3
	4	0 12 30.44	14.44	0 4 1.7	1 14.6	0.674 1438	1 4065	5 27.6
	5	0 12 44.88	13.78	0 2 47.1	1 10.2	0.672 7373	1 4074	5 23.9
	6	0 12 58.66	13.11	0 1 36.9	1 5.9	0.671 3299	1 4077	5 20.2
	7	0 13 11.77	12.45	−0 0 31.0	1 1.5	0.669 9222	1 4079	5 16.5
	8	0 13 24.22	11.77	+0 0 30.5	0 56.9	0.668 5143	1 4076	5 12.8
	9	0 13 35.99	11.09	0 1 27.4	0 52.5	0.667 1067	1 4069	5 9.0
	10	0 13 47.08	10.41	0 2 19.9	0 48.1	0.665 6998	1 4059	5 5.3
	11	0 13 57.49	9.73	0 3 8.0	0 43.5	0.664 2939	1 4045	5 1.5
	12	0 14 7.22	9.04	0 3 51.5	0 39.1	0.662 8894	1 4027	4 57.7
	13	0 14 16.26	8.34	+0 4 30.6	0 34.5	0.661 4867	1 4006	4 54.0
	14	0 14 24.60	7.65	0 5 5.1	0 29.9	0.660 0861	1 3979	4 50.2
	15	0 14 32.25	6.95	0 5 35.0	0 25.4	0.658 6882	1 3950	4 46.4
	16	0 14 39.20	6.25	0 6 0.4	0 20.9	0.657 2932	1 3915	4 42.6
	17	0 14 45.45	5.54	0 6 21.3	0 16.3	0.655 9017	1 3878	4 38.8
	18	0 14 50.99	4.83	0 6 37.6	0 11.6	0.654 5139	1 3837	4 34.9
	19	0 14 55.82	4.12	+0 6 49.2	0 7.0	0.653 1302	1 3790	4 31.0
	20	0 14 59.94	3.40	0 6 56.2	0 2.4	0.651 7512	1 3739	4 27.2
	21	0 15 3.34	2.68	0 6 58.6	0 2.2	0.650 3773	1 3683	4 23.3
	22	0 15 6.02	1.96	0 6 56.4	0 7.0	0.649 0090	1 3623	4 19.4
	23	0 15 7.98	1.23	0 6 49.4	0 11.6	0.647 6467	1 3557	4 15.5
	24	0 15 9.21		+0 6 37.8		0.646 2910		4 11.6

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927		h m s	s	° ′ ″	′ ″			h m
Juli	24	0 15 9.21	0.51	+0 6 37.8	0 16.4	0.646 2910	1 3484	4 11.6
	25	0 15 9.72	0.22	0 6 21.4	0 21.0	0.644 9426	1 3408	4 7.7
	26	0 15 9.50	0.95	0 6 0.4	0 25.7	0.643 6018	1 3326	4 3.7
	27	0 15 8.55	1.68	0 5 34.7	0 30.4	0.642 2692	1 3238	3 59.8
	28	0 15 6.87	2.40	0 5 4.3	0 35.0	0.640 9454	1 3144	3 55.8
	29	0 15 4.47	3.14	0 4 29.3	0 39.7	0.639 6310	1 3046	3 51.8
	30	0 15 1.33	3.87	+0 3 49.6	0 44.3	0.638 3264	1 2941	3 47.9
	31	0 14 57.46	4.59	0 3 5.3	0 48.9	0.637 0323	1 2832	3 43.9
Aug.	1	0 14 52.87	5.32	0 2 16.4	0 53.5	0.635 7491	1 2716	3 39.9
	2	0 14 47.55	6.03	0 1 22.9	0 58.1	0.634 4775	1 2596	3 35.8
	3	0 14 41.52	6.74	+0 0 24.8	1 2.7	0.633 2179	1 2469	3 31.8
	4	0 14 34.78	7.46	−0 0 37.9	1 7.2	0.631 9710	1 2337	3 27.7
	5	0 14 27.32	8.17	−0 1 45.1	1 11.6	0.630 7373	1 2199	3 23.7
	6	0 14 19.15	8.87	0 2 56.7	1 16.1	0.629 5174	1 2056	3 19.6
	7	0 14 10.28	9.58	0 4 12.8	1 20.5	0.628 3118	1 1907	3 15.5
	8	0 14 0.70	10.27	0 5 33.3	1 24.8	0.627 1211	1 1754	3 11.4
	9	0 13 50.43	10.95	0 6 58.1	1 29.1	0.625 9457	1 1595	3 7.3
	10	0 13 39.48	11.64	0 8 27.2	1 33.4	0.624 7862	1 1432	3 3.2
	11	0 13 27.84	12.32	−0 10 0.6	1 37.6	0.623 6430	1 1261	2 59.1
	12	0 13 15.52	13.00	0 11 38.2	1 41.8	0.622 5169	1 1086	2 55.0
	13	0 13 2.52	13.66	0 13 20.0	1 46.0	0.621 4083	1 0905	2 50.8
	14	0 12 48.86	14.33	0 15 6.0	1 50.0	0.620 3178	1 0719	2 46.7
	15	0 12 34.53	14.98	0 16 56.0	1 54.0	0.619 2459	1 0528	2 42.5
	16	0 12 19.55	15.62	0 18 50.0	1 58.0	0.618 1931	1 0331	2 38.3
	17	0 12 3.93	16.26	−0 20 48.0	2 1.8	0.617 1600	1 0129	2 34.1
	18	0 11 47.67	16.89	0 22 49.8	2 5.7	0.616 1471	9922	2 29.9
	19	0 11 30.78	17.51	0 24 55.5	2 9.5	0.615 1549	9709	2 25.7
	20	0 11 13.27	18.13	0 27 5.0	2 13.3	0.614 1840	9489	2 21.5
	21	0 10 55.14	18.73	0 29 18.3	2 16.9	0.613 2351	9263	2 17.3
	22	0 10 36.41	19.33	0 31 35.2	2 20.5	0.612 3088	9030	2 13.0
	23	0 10 17.08	19.90	−0 33 55.7	2 23.9	0.611 4058	8793	2 8.7
	24	0 9 57.18	20.47	0 36 19.6	2 27.3	0.610 5265	8550	2 4.5
	25	0 9 36.71	21.03	0 38 46.9	2 30.6	0.609 6715	8303	2 0.2
	26	0 9 15.68	21.57	0 41 17.5	2 33.8	0.608 8412	8050	1 55.9
	27	0 8 54.11	22.09	0 43 51.3	2 36.8	0.608 0362	7791	1 51.6
	28	0 8 32.02	22.60	0 46 28.1	2 39.8	0.607 2571	7526	1 47.3
	29	0 8 9.42	23.10	−0 49 7.9	2 42.7	0.606 5045	7258	1 43.0
	30	0 7 46.32	23.58	0 51 50.6	2 45.5	0.605 7787	6984	1 38.7
	31	0 7 22.74	24.04	0 54 36.1	2 48.1	0.605 0803	6706	1 34.4
Sept.	1	0 6 58.70	24.49	0 57 24.2	2 50.5	0.604 4097	6424	1 30.1
	2	0 6 34.21	24.91	1 0 14.7	2 53.0	0.603 7673	6138	1 25.8
	3	0 6 9.30		−1 3 7.7		0.603 1535		1 21.4

Tag	0ʰ Welt-Zeit: Scheinbare Rektaszension	Diff.	Scheinbare Deklination	Diff.	log Δ	Diff.	Obere Kulmination in Greenwich
1927	h m s	s	° ′ ″	′ ″			h m
Sept. 3	0 6 9.30	25.32	−1 3 7.7	2 55.2	0.603 1535	5847	1 21.4
4	0 5 43.98	25.70	1 6 2.9	2 57.4	0.602 5688	5554	1 17.0
5	0 5 18.28	26.08	1 9 0.3	2 59.4	0.602 0134	5257	1 12.7
6	0 4 52.20	26.44	1 11 59.7	3 1.2	0.601 4877	4955	1 8.3
7	0 4 25.76	26.77	1 15 0.9	3 3.0	0.600 9922	4650	1 4.0
8	0 3 58.99	27.09	1 18 3.9	3 4.6	0.600 5272	4344	0 59.6
9	0 3 31.90	27.39	−1 21 8.5	3 6.1	0.600 0928	4034	0 55.2
10	0 3 4.51	27.67	1 24 14.6	3 7.5	0.599 6894	3723	0 50.8
11	0 2 36.84	27.92	1 27 22.1	3 8.7	0.599 3171	3409	0 46.4
12	0 2 8.92	28.17	1 30 30.8	3 9.7	0.598 9762	3091	0 42.0
13	0 1 40.75	28.39	1 33 40.5	3 10.7	0.598 6671	2773	0 37.6
14	0 1 12.36	28.58	1 36 51.2	3 11.5	0.598 3898	2451	0 33.2
15	0 0 43.78	28.76	−1 40 2.7	3 12.3	0.598 1447	2128	0 28.8
16	0 0 15.02	28.92	1 43 15.0	3 12.8	0.597 9319	1802	0 24.4
17	23 59 46.10	29.07	1 46 27.8	3 13.2	0.597 7517	1474	0 20.0
18	23 59 17.03	29.18	1 49 41.0	3 13.4	0.597 6043	1144	0 15.6
19	23 58 47.85	29.28	1 52 54.4	3 13.6	0.597 4899	813	0 11.2
20	23 58 18.57	29.35	1 56 8.0	3 13.4	0.597 4086	481	0 6.7
21	23 57 49.22	29.40	−1 59 21.4	3 13.3	0.597 3605	147	0 2.3; 23 57.9
22	23 57 19.82	29.43	2 2 34.7	3 13.1	0.597 3458	187	23 53.5
23	23 56 50.39	29.43	2 5 47.8	3 12.5	0.597 3645	521	23 49.1
24	23 56 20.96	29.41	2 9 0.3	3 11.8	0.597 4166	856	23 44.6
25	23 55 51.55	29.37	2 12 12.1	3 11.1	0.597 5022	1189	23 40.2
26	23 55 22.18	29.30	2 15 23.2	3 10.2	0.597 6211	1523	23 35.8
27	23 54 52.88	29.21	−2 18 33.4	3 9.0	0.597 7734	1855	23 31.4
28	23 54 23.67	29.09	2 21 42.4	3 7.7	0.597 9589	2186	23 27.0
29	23 53 54.58	28.95	2 24 50.1	3 6.3	0.598 1775	2517	23 22.6
30	23 53 25.63	28.79	2 27 56.4	3 4.8	0.598 4292	2844	23 18.2
Okt. 1	23 52 56.84	28.61	2 31 1.2	3 3.1	0.598 7136	3170	23 13.8
2	23 52 28.23	28.41	2 34 4.3	3 1.3	0.599 0306	3494	23 9.4
3	23 51 59.82	28.18	−2 37 5.6	2 59.3	0.599 3800	3816	23 5.0
4	23 51 31.64	27.93	2 40 4.9	2 57.1	0.599 7616	4135	23 0.6
5	23 51 3.71	27.66	2 43 2.0	2 55.0	0.600 1751	4452	22 56.2
6	23 50 36.05	27.37	2 45 57.0	2 52.6	0.600 6203	4765	22 51.8
7	23 50 8.68	27.07	2 48 49.6	2 50.0	0.601 0968	5074	22 47.4
8	23 49 41.61	26.73	2 51 39.6	2 47.5	0.601 6042	5380	22 43.0
9	23 49 14.88	26.39	−2 54 27.1	2 44.9	0.602 1422	5682	22 38.6
10	23 48 48.49	26.01	2 57 12.0	2 41.9	0.602 7104	5980	22 34.3
11	23 48 22.48	25.63	2 59 53.9	2 38.9	0.603 3084	6275	22 29.9
12	23 47 56.85	25.23	3 2 32.8	2 35.8	0.603 9359	6567	22 25.6
13	23 47 31.62	24.81	3 5 8.6	2 32.5	0.604 5926	6855	22 21.3
14	23 47 6.81		−3 7 41.1		0.605 2781		22 16.9

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927	h m s	s	° ′ ″	′ ″			h m
Okt. 14	23 47 6.81	24.39	−3 7 41.1	2 29.2	0.605 2781	7139	22 16.9
15	23 46 42.42	23.93	3 10 10.3	2 25.9	0.605 9920	7420	22 12.6
16	23 46 18.49	23.45	3 12 36.2	2 22.5	0.606 7340	7697	22 8.3
17	23 45 55.04	22.97	3 14 58.7	2 18.9	0.607 5037	7970	22 3.9
18	23 45 32.07	22.47	3 17 17.6	2 15.3	0.608 3007	8237	21 59.6
19	23 45 9.60	21.95	3 19 32.9	2 11.6	0.609 1244	8500	21 55.4
20	23 44 47.65	21.41	−3 21 44.5	2 7.6	0.609 9744	8757	21 51.1
21	23 44 26.24	20.85	3 23 52.1	2 3.7	0.610 8501	9010	21 46.8
22	23 44 5.39	20.28	3 25 55.8	1 59.7	0.611 7511	9258	21 42.5
23	23 43 45.11	19.69	3 27 55.5	1 55.6	0.612 6769	9500	21 38.2
24	23 43 25.42	19.11	3 29 51.1	1 51.3	0.613 6269	9737	21 34.0
25	23 43 6.31	18.49	3 31 42.4	1 47.1	0.614 6006	9969	21 29.8
26	23 42 47.82	17.87	−3 33 29.5	1 42.7	0.615 5975	1 0194	21 25.5
27	23 42 29.95	17.23	3 35 12.2	1 38.3	0.616 6169	1 0414	21 21.3
28	23 42 12.72	16.58	3 36 50.5	1 33.7	0.617 6583	1 0628	21 17.1
29	23 41 56.14	15.92	3 38 24.2	1 29.2	0.618 7211	1 0837	21 12.9
30	23 41 40.22	15.25	3 39 53.4	1 24.6	0.619 8048	1 1038	21 8.7
31	23 41 24.97	14.58	3 41 18.0	1 20.0	0.620 9086	1 1232	21 4.5
Nov. 1	23 41 10.39	13.89	−3 42 38.0	1 15.2	0.622 0318	1 1422	21 0.4
2	23 40 56.50	13.19	3 43 53.2	1 10.5	0.623 1740	1 1606	20 56.2
3	23 40 43.31	12.49	3 45 3.7	1 5.6	0.624 3346	1 1782	20 52.1
4	23 40 30.82	11.78	3 46 9.3	1 0.9	0.625 5128	1 1952	20 48.0
5	23 40 19.04	11.06	3 47 10.2	0 56.0	0.626 7080	1 2115	20 43.8
6	23 40 7.98	10.34	3 48 6.2	0 51.2	0.627 9195	1 2273	20 39.7
7	23 39 57.64	9.62	−3 48 57.4	0 46.3	0.629 1468	1 2424	20 35.7
8	23 39 48.02	8.88	3 49 43.7	0 41.4	0.630 3892	1 2572	20 31.6
9	23 39 39.14	8.15	3 50 25.1	0 36.4	0.631 6464	1 2713	20 27.5
10	23 39 30.99	7.41	3 51 1.5	0 31.6	0.632 9177	1 2848	20 23.4
11	23 39 23.58	6.68	3 51 33.1	0 26.6	0.634 2025	1 2978	20 19.4
12	23 39 16.90	5.93	3 51 59.7	0 21.6	0.635 5003	1 3102	20 15.4
13	23 39 10.97	5.18	−3 52 21.3	0 16.7	0.636 8105	1 3222	20 11.3
14	23 39 5.79	4.43	3 52 38.0	0 11.7	0.638 1327	1 3335	20 7.3
15	23 39 1.36	3.68	3 52 49.7	0 6.7	0.639 4662	1 3444	20 3.3
16	23 38 57.68	2.91	3 52 56.4	0 1.8	0.640 8106	1 3546	19 59.3
17	23 38 54.77	2.15	3 52 58.2	0 3.2	0.642 1652	1 3642	19 55.3
18	23 38 52.62	1.40	3 52 55.0	0 8.3	0.643 5294	1 3734	19 51.4
19	23 38 51.22	0.63	−3 52 46.7	0 13.2	0.644 9028	1 3820	19 47.5
20	23 38 50.59	0.13	3 52 33.5	0 18.2	0.646 2848	1 3901	19 43.6
21	23 38 50.72	0.90	3 52 15.3	0 23.3	0.647 6749	1 3975	19 39.6
22	23 38 51.62	1.67	3 51 52.0	0 28.3	0.649 0724	1 4043	19 35.7
23	23 38 53.29	2.43	3 51 23.7	0 33.2	0.650 4767	1 4106	19 31.9
24	23 38 55.72		−3 50 50.5		0.651 8873		19 28.0

Tag	0ʰ Welt-Zeit: Scheinbare Rektaszension		0ʰ Welt-Zeit: Scheinbare Deklination		0ʰ Welt-Zeit: log Δ		Obere Kulmination in Greenwich
1927	h m s	s	° ′ ″	′ ″			h m
Nov. 24	23 38 55.72	3.19	−3 50 50.5	0 38.1	0.651 8873	1 4165	19 28.0
25	23 38 58.91	3.95	3 50 12.4	0 43.1	0.653 3038	1 4217	19 24.1
26	23 39 2.86	4.72	3 49 29.3	0 48.1	0.654 7255	1 4265	19 20.2
27	23 39 7.58	5.48	3 48 41.2	0 53.0	0.656 1520	1 4306	19 16.4
28	23 39 13.06	6.23	3 47 48.2	0 57.8	0.657 5826	1 4342	19 12.6
29	23 39 19.29	6.98	3 46 50.4	1 2.7	0.659 0168	1 4374	19 8.8
30	23 39 26.27	7.73	−3 45 47.7	1 7.6	0.660 4542	1 4400	19 4.9
Dez. 1	23 39 34.00	8.47	3 44 40.1	1 12.4	0.661 8942	1 4421	19 1.1
2	23 39 42.47	9.22	3 43 27.7	1 17.2	0.663 3363	1 4438	18 57.4
3	23 39 51.69	9.95	3 42 10.5	1 21.9	0.664 7801	1 4449	18 53.6
4	23 40 1.64	10.69	3 40 48.6	1 26.7	0.666 2250	1 4455	18 49.8
5	23 40 12.33	11.41	3 39 21.9	1 31.4	0.667 6705	1 4458	18 46.1
6	23 40 23.74	12.13	−3 37 50.5	1 36.0	0.669 1163	1 4457	18 42.4
7	23 40 35.87	12.84	3 36 14.5	1 40.5	0.670 5620	1 4451	18 38.6
8	23 40 48.71	13.56	3 34 34.0	1 45.1	0.672 0071	1 4443	18 34.9
9	23 41 2.27	14.26	3 32 48.9	1 49.7	0.673 4514	1 4431	18 31.2
10	23 41 16.53	14.95	3 30 59.2	1 54.0	0.674 8945	1 4414	18 27.5
11	23 41 31.48	15.65	3 29 5.2	1 58.4	0.676 3359	1 4393	18 23.9
12	23 41 47.13	16.34	−3 27 6.8	2 2.9	0.677 7752	1 4370	18 20.2
13	23 42 3.47	17.03	3 25 3.9	2 7.2	0.679 2122	1 4343	18 16.5
14	23 42 20.50	17.71	3 22 56.7	2 11.6	0.680 6465	1 4312	18 12.9
15	23 42 38.21	18.38	3 20 45.1	2 15.9	0.682 0777	1 4278	18 9.3
16	23 42 56.59	19.05	3 18 29.2	2 20.1	0.683 5055	1 4241	18 5.7
17	23 43 15.64	19.71	3 16 9.1	2 24.4	0.684 9296	1 4199	18 2.1
18	23 43 35.35	20.37	−3 13 44.7	2 28.6	0.686 3495	1 4154	17 58.5
19	23 43 55.72	21.02	3 11 16.1	2 32.7	0.687 7649	1 4107	17 54.9
20	23 44 16.74	21.67	3 8 43.4	2 36.8	0.689 1756	1 4055	17 51.3
21	23 44 38.41	22.31	3 6 6.6	2 40.8	0.690 5811	1 3999	17 47.7
22	23 45 0.72	22.94	3 3 25.8	2 44.9	0.691 9810	1 3941	17 44.2
23	23 45 23.66	23.58	3 0 40.9	2 48.8	0.693 3751	1 3880	17 40.6
24	23 45 47.24	24.20	−2 57 52.1	2 52.8	0.694 7631	1 3814	17 37.1
25	23 46 11.44	24.80	2 54 59.3	2 56.7	0.696 1445	1 3747	17 33.6
26	23 46 36.24	25.41	2 52 2.6	3 0.5	0.697 5192	1 3676	17 30.1
27	23 47 1.65	26.01	2 49 2.1	3 4.3	0.698 8868	1 3602	17 26.6
28	23 47 27.66	26.61	2 45 57.8	3 8.2	0.700 2470	1 3525	17 23.1
29	23 47 54.27	27.19	2 42 49.6	3 11.9	0.701 5995	1 3446	17 19.6
30	23 48 21.46	27.76	−2 39 37.7	3 15.5	0.702 9441	1 3363	17 16.1
31	23 48 49.22	28.33	2 36 22.2	3 19.1	0.704 2804	1 3278	17 12.6
32	23 49 17.55		−2 33 3.1		0.705 6082		17 9.2

Tag	0h Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927	h m s	s	° ′ ″	′ ″			h m
Jan. 0	16 5 58.07	25.96	−18 59 0.9	1 7.6	1.031 3807	3957	9 29.9
1	16 6 24.03	25.78	19 0 8.5	1 6.7	1.030 9850	4048	9 26.4
2	16 6 49.81	25.59	19 1 15.2	1 5.8	1.030 5802	4139	9 22.9
3	16 7 15.40	25.40	19 2 21.0	1 4.8	1.030 1663	4228	9 19.4
4	16 7 40.80	25.19	19 3 25.8	1 4.0	1.029 7435	4317	9 15.9
5	16 8 5.99	24.98	19 4 29.8	1 3.0	1.029 3118	4405	9 12.4
6	16 8 30.97	24.77	−19 5 32.8	1 2.0	1.028 8713	4491	9 8.9
7	16 8 55.74	24.55	19 6 34.8	1 1.0	1.028 4222	4577	9 5.3
8	16 9 20.29	24.33	19 7 35.8	1 0.2	1.027 9645	4661	9 1.8
9	16 9 44.62	24.11	19 8 36.0	0 59.2	1.027 4984	4745	8 58.3
10	16 10 8.73	23.88	19 9 35.2	0 58.2	1.027 0239	4830	8 54.7
11	16 10 32.61	23.65	19 10 33.4	0 57.2	1.026 5409	4911	8 51.2
12	16 10 56.26	23.40	−19 11 30.6	0 56.2	1.026 0498	4991	8 47.7
13	16 11 19.66	23.16	19 12 26.8	0 55.3	1.025 5507	5071	8 44.2
14	16 11 42.82	22.92	19 13 22.1	0 54.3	1.025 0436	5150	8 40.6
15	16 12 5.74	22.66	19 14 16.4	0 53.2	1.024 5286	5227	8 37.0
16	16 12 28.40	22.40	19 15 9.6	0 52.3	1.024 0059	5305	8 33.5
17	16 12 50.80	22.14	19 16 1.9	0 51.3	1.023 4754	5381	8 29.9
18	16 13 12.94	21.88	−19 16 53.2	0 50.3	1.022 9373	5456	8 26.3
19	16 13 34.82	21.61	19 17 43.5	0 49.4	1.022 3917	5530	8 22.7
20	16 13 56.43	21.33	19 18 32.9	0 48.3	1.021 8387	5603	8 19.2
21	16 14 17.76	21.05	19 19 21.2	0 47.3	1.021 2784	5675	8 15.6
22	16 14 38.81	20.77	19 20 8.5	0 46.4	1.020 7109	5745	8 12.0
23	16 14 59.58	20.49	19 20 54.9	0 45.3	1.020 1364	5815	8 8.4
24	16 15 20.07	20.19	−19 21 40.2	0 44.3	1.019 5549	5884	8 4.8
25	16 15 40.26	19.89	19 22 24.5	0 43.3	1.018 9665	5951	8 1.2
26	16 16 0.15	19.59	19 23 7.8	0 42.3	1.018 3714	6017	7 57.6
27	16 16 19.74	19.28	19 23 50.1	0 41.3	1.017 7697	6083	7 54.0
28	16 16 39.02	18.97	19 24 31.4	0 40.3	1.017 1614	6148	7 50.4
29	16 16 57.99	18.66	19 25 11.7	0 39.2	1.016 5466	6210	7 46.8
30	16 17 16.65	18.34	−19 25 50.9	0 38.1	1.015 9256	6271	7 43.2
31	16 17 34.99	18.01	19 26 29.0	0 37.1	1.015 2985	6331	7 39.5
Febr. 1	16 17 53.00	17.68	19 27 6.1	0 36.1	1.014 6654	6389	7 35.9
2	16 18 10.68	17.34	19 27 42.2	0 35.1	1.014 0265	6446	7 32.2
3	16 18 28.02	17.00	19 28 17.3	0 34.0	1.013 3819	6501	7 28.6
4	16 18 45.02	16.67	19 28 51.3	0 33.0	1.012 7318	6554	7 25.0
5	16 19 1.69	16.32	−19 29 24.3	0 32.0	1.012 0764	6605	7 21.3
6	16 19 18.01	15.97	19 29 56.3	0 30.9	1.011 4159	6654	7 17.6
7	16 19 33.98	15.62	19 30 27.2	0 29.9	1.010 7505	6703	7 14.0
8	16 19 49.60	15.26	19 30 57.1	0 28.8	1.010 0802	6749	7 10.3
9	16 20 4.86	14.90	19 31 25.9	0 27.7	1.009 4053	6794	7 6.6
10	16 20 19.76		−19 31 53.6		1.008 7259		7 2.9

Tag	0h Welt-Zeit: Scheinbare Rektaszension	Diff.	0h Welt-Zeit: Scheinbare Deklination	Diff.	log Δ	Diff.	Obere Kulmination in Greenwich
1927	h m s	s	° ′ ″	″			h m
Febr. 10	16 20 19.76	14.54	−19 31 53.6	26.7	1.008 7259	6838	7 2.9
11	16 20 34.30	14.17	19 32 20.3	25.8	1.008 0421	6880	6 59.2
12	16 20 48.47	13.80	19 32 46.1	24.7	1.007 3541	6920	6 55.5
13	16 21 2.27	13.43	19 33 10.8	23.6	1.006 6621	6959	6 51.8
14	16 21 15.70	13.06	19 33 34.4	22.7	1.005 9662	6995	6 48.1
15	16 21 28.76	12.68	19 33 57.1	21.6	1.005 2667	7029	6 44.4
16	16 21 41.44	12.30	−19 34 18.7	20.6	1.004 5638	7063	6 40.7
17	16 21 53.74	11.91	19 34 39.3	19.5	1.003 8575	7094	6 37.0
18	16 22 5.65	11.53	19 34 58.8	18.5	1.003 1481	7123	6 33.3
19	16 22 17.18	11.14	19 35 17.3	17.5	1.002 4358	7151	6 29.5
20	16 22 28.32	10.74	19 35 34.8	16.5	1.001 7207	7177	6 25.8
21	16 22 39.06	10.35	19 35 51.3	15.5	1.001 0030	7202	6 22.0
22	16 22 49.41	9.96	−19 36 6.8	14.5	1.000 2828	7224	6 18.2
23	16 22 59.37	9.56	19 36 21.3	13.5	0.999 5604	7246	6 14.5
24	16 23 8.93	9.16	19 36 34.8	12.4	0.998 8358	7266	6 10.7
25	16 23 18.09	8.74	19 36 47.2	11.4	0.998 1092	7283	6 6.9
26	16 23 26.83	8.34	19 36 58.6	10.4	0.997 3809	7297	6 3.1
27	16 23 35.17	7.92	19 37 9.0	9.4	0.996 6512	7310	5 59.3
28	16 23 43.09	7.51	−19 37 18.4	8.4	0.995 9202	7320	5 55.5
März 1	16 23 50.60	7.10	19 37 26.8	7.4	0.995 1882	7328	5 51.7
2	16 23 57.70	6.68	19 37 34.2	6.4	0.994 4554	7334	5 47.9
3	16 24 4.38	6.26	19 37 40.6	5.4	0.993 7220	7338	5 44.0
4	16 24 10.64	5.84	19 37 46.0	4.3	0.992 9882	7340	5 40.2
5	16 24 16.48	5.42	19 37 50.3	3.4	0.992 2542	7339	5 36.4
6	16 24 21.90	4.99	−19 37 53.7	2.4	0.991 5203	7336	5 32.6
7	16 24 26.89	4.57	19 37 56.1	1.4	0.990 7867	7330	5 28.7
8	16 24 31.46	4.15	19 37 57.5	0.4	0.990 0537	7323	5 24.9
9	16 24 35.61	3.72	19 37 57.9	0.6	0.989 3214	7313	5 21.0
10	16 24 39.33	3.30	19 37 57.3	1.6	0.988 5901	7300	5 17.1
11	16 24 42.63	2.87	19 37 55.7	2.5	0.987 8601	7284	5 13.2
12	16 24 45.50	2.45	−19 37 53.2	3.5	0.987 1317	7267	5 9.3
13	16 24 47.95	2.03	19 37 49.7	4.4	0.986 4050	7249	5 5.4
14	16 24 49.98	1.60	19 37 45.3	5.4	0.985 6801	7227	5 1.5
15	16 24 51.58	1.18	19 37 39.9	6.3	0.984 9574	7204	4 57.6
16	16 24 52.76	0.75	19 37 33.6	7.2	0.984 2370	7179	4 53.7
17	16 24 53.51	0.33	19 37 26.4	8.2	0.983 5191	7151	4 49.8
18	16 24 53.84	0.09	−19 37 18.2	9.2	0.982 8040	7120	4 45.9
19	16 24 53.75	0.51	19 37 9.0	10.0	0.982 0920	7088	4 42.0
20	16 24 53.24	0.94	19 36 59.0	10.9	0.981 3832	7053	4 38.0
21	16 24 52.30	1.35	19 36 48.1	11.9	0.980 6779	7017	4 34.0
22	16 24 50.95	1.77	19 36 36.2	12.8	0.979 9762	6978	4 30.1
23	16 24 49.18		−19 36 23.4		0.979 2784		4 26.1

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927							
März 23	16h 24m 49.18s	2.19s	−19° 36′ 23.4″	13.6″	0.979 2784	6936	4h 26.1m
24	16 24 46.99	2.61	19 36 9.8	14.6	0.978 5848	6892	4 22.2
25	16 24 44.38	3.02	19 35 55.2	15.4	0.977 8956	6846	4 18.2
26	16 24 41.36	3.44	19 35 39.8	16.3	0.977 2110	6797	4 14.2
27	16 24 37.92	3.85	19 35 23.5	17.2	0.976 5313	6746	4 10.2
28	16 24 34.07	4.26	19 35 6.3	18.1	0.975 8567	6692	4 6.2
29	16 24 29.81	4.68	−19 34 48.2	19.0	0.975 1875	6636	4 2.2
30	16 24 25.13	5.08	19 34 29.2	19.8	0.974 5239	6577	3 58.2
31	16 24 20.05	5.49	19 34 9.4	20.6	0.973 8662	6516	3 54.2
April 1	16 24 14.56	5.89	19 33 48.8	21.6	0.973 2146	6453	3 50.2
2	16 24 8.67	6.29	19 33 27.2	22.4	0.972 5693	6386	3 46.1
3	16 24 2.38	6.69	19 33 4.8	23.1	0.971 9307	6317	3 42.1
4	16 23 55.69	7.08	−19 32 41.7	24.0	0.971 2990	6244	3 38.1
5	16 23 48.61	7.46	19 32 17.7	24.8	0.970 6746	6170	3 34.0
6	16 23 41.15	7.85	19 31 52.9	25.5	0.970 0576	6094	3 30.0
7	16 23 33.30	8.22	19 31 27.4	26.4	0.969 4482	6016	3 25.9
8	16 23 25.08	8.59	19 31 1.0	27.1	0.968 8466	5934	3 21.8
9	16 23 16.49	8.96	19 30 33.9	27.8	0.968 2532	5852	3 17.8
10	16 23 7.53	9.33	−19 30 6.1	28.6	0.967 6680	5767	3 13.7
11	16 22 58.20	9.69	19 29 37.5	29.4	0.967 0913	5680	3 9.6
12	16 22 48.51	10.05	19 29 8.1	30.0	0.966 5233	5591	3 5.5
13	16 22 38.46	10.39	19 28 38.1	30.8	0.965 9642	5501	3 1.4
14	16 22 28.07	10.73	19 28 7.3	31.4	0.965 4141	5407	2 57.3
15	16 22 17.34	11.07	19 27 35.9	32.2	0.964 8734	5310	2 53.2
16	16 22 6.27	11.40	−19 27 3.7	32.8	0.964 3424	5213	2 49.1
17	16 21 54.87	11.73	19 26 30.9	33.4	0.963 8211	5112	2 44.9
18	16 21 43.14	12.06	19 25 57.5	34.1	0.963 3099	5011	2 40.8
19	16 21 31.08	12.37	19 25 23.4	34.8	0.962 8088	4908	2 36.7
20	16 21 18.71	12.68	19 24 48.6	35.3	0.962 3180	4803	2 32.5
21	16 21 6.03	12.98	19 24 13.3	36.0	0.961 8377	4696	2 28.4
22	16 20 53.05	13.28	−19 23 37.3	36.5	0.961 3681	4586	2 24.2
23	16 20 39.77	13.58	19 23 0.8	37.1	0.960 9095	4476	2 20.1
24	16 20 26.19	13.87	19 22 23.7	37.7	0.960 4619	4363	2 16.0
25	16 20 12.32	14.15	19 21 46.0	38.3	0.960 0256	4247	2 11.8
26	16 19 58.17	14.41	19 21 7.7	38.7	0.959 6009	4130	2 7.6
27	16 19 43.76	14.68	19 20 29.0	39.3	0.959 1879	4011	2 3.4
28	16 19 29.08	14.94	−19 19 49.7	39.8	0.958 7868	3889	1 59.2
29	16 19 14.14	15.19	19 19 9.9	40.3	0.958 3979	3767	1 55.1
30	16 18 58.95	15.43	19 18 29.6	40.7	0.958 0212	3643	1 50.9
Mai 1	16 18 43.52	15.67	19 17 48.9	41.3	0.957 6569	3516	1 46.7
2	16 18 27.85	15.89	19 17 7.6	41.7	0.957 3053	3390	1 42.5
3	16 18 11.96		−19 16 25.9		0.956 9663		1 38.3

Tag		0h Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927								
Mai	3	16h 18m 11.96s	16.11s	−19° 16′ 25.9″	42.0″	0.956 9663	3260	1h 38.3m
	4	16 17 55.85	16.32	19 15 43.9	42.5	0.956 6403	3129	1 34.1
	5	16 17 39.53	16.51	19 15 1.4	42.8	0.956 3274	2998	1 29.9
	6	16 17 23.02	16.71	19 14 18.6	43.1	0.956 0276	2864	1 25.7
	7	16 17 6.31	16.89	19 13 35.5	43.5	0.955 7412	2730	1 21.5
	8	16 16 49.42	17.05	19 12 52.0	43.7	0.955 4682	2595	1 17.3
	9	16 16 32.37	17.22	−19 12 8.3	44.0	0.955 2087	2458	1 13.1
	10	16 16 15.15	17.38	19 11 24.3	44.3	0.954 9629	2320	1 8.9
	11	16 15 57.77	17.52	19 10 40.0	44.5	0.954 7309	2183	1 4.6
	12	16 15 40.25	17.65	19 9 55.5	44.8	0.954 5126	2043	1 0.4
	13	16 15 22.60	17.78	19 9 10.7	44.9	0.954 3083	1905	0 56.2
	14	16 15 4.82	17.90	19 8 25.8	45.1	0.954 1178	1766	0 52.0
	15	16 14 46.92	18.00	−19 7 40.7	45.2	0.953 9412	1625	0 47.7
	16	16 14 28.92	18.11	19 6 55.5	45.4	0.953 7787	1483	0 43.5
	17	16 14 10.81	18.20	19 6 10.1	45.6	0.953 6304	1341	0 39.3
	18	16 13 52.61	18.29	19 5 24.5	45.6	0.953 4963	1199	0 35.0
	19	16 13 34.32	18.36	19 4 38.9	45.6	0.953 3764	1055	0 30.8
	20	16 13 15.96	18.42	19 3 53.3	45.7	0.953 2709	911	0 26.6
	21	16 12 57.54	18.47	−19 3 7.6	45.8	0.953 1798	767	0 22.3
	22	16 12 39.07	18.53	19 2 21.8	45.8	0.953 1031	623	0 18.1
	23	16 12 20.54	18.57	19 1 36.0	45.7	0.953 0408	478	0 13.9
	24	16 12 1.97	18.59	19 0 50.3	45.8	0.952 9930	333	0 9.6
	25	16 11 43.38	18.62	19 0 4.5	45.6	0.952 9597	188	0 5.4
	26	16 11 24.76	18.63	18 59 18.9	45.4	0.952 9409	43	{0 1.2; 23 56.9}
	27	16 11 6.13	18.62	−18 58 33.5	45.4	0.952 9366	103	23 52.7
	28	16 10 47.51	18.61	18 57 48.1	45.2	0.952 9469	248	23 48.4
	29	16 10 28.90	18.59	18 57 2.9	45.0	0.952 9717	395	23 44.2
	30	16 10 10.31	18.56	18 56 17.9	44.9	0.953 0112	541	23 40.0
	31	16 9 51.75	18.52	18 55 33.0	44.6	0.953 0653	686	23 35.7
Juni	1	16 9 33.23	18.47	18 54 48.4	44.4	0.953 1339	831	23 31.5
	2	16 9 14.76	18.40	−18 54 4.0	44.1	0.953 2170	975	23 27.2
	3	16 8 56.36	18.34	18 53 19.9	43.7	0.953 3145	1119	23 23.0
	4	16 8 38.02	18.26	18 52 36.2	43.5	0.953 4264	1262	23 18.8
	5	16 8 19.76	18.17	18 51 52.7	43.1	0.953 5526	1404	23 14.5
	6	16 8 1.59	18.07	18 51 9.6	42.7	0.953 6930	1546	23 10.3
	7	16 7 43.52	17.97	18 50 26.9	42.3	0.953 8476	1687	23 6.1
	8	16 7 25.55	17.85	−18 49 44.6	41.9	0.954 0163	1826	23 1.8
	9	16 7 7.70	17.72	18 49 2.7	41.5	0.954 1989	1965	22 57.6
	10	16 6 49.98	17.59	18 48 21.2	40.9	0.954 3954	2102	22 53.4
	11	16 6 32.39	17.44	18 47 40.3	40.4	0.954 6056	2238	22 49.2
	12	16 6 14.95	17.29	18 46 59.9	39.9	0.954 8294	2374	22 44.9
	13	16 5 57.66		−18 46 20.0		0.955 0668		22 40.7

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927	h m s	s	° ′ ″	″			h m
Juni 13	16 5 57.66	17.14	−18 46 20.0	39.3	0.955 0668	2508	22 40.7
14	16 5 40.52	16.98	18 45 40.7	38.8	0.955 3176	2640	22 36.5
15	16 5 23.54	16.80	18 45 1.9	38.1	0.955 5816	2773	22 32.3
16	16 5 6.74	16.61	18 44 23.8	37.6	0.955 8589	2904	22 28.1
17	16 4 50.13	16.43	18 43 46.2	36.9	0.956 1493	3033	22 23.9
18	16 4 33.70	16.24	18 43 9.3	36.3	0.956 4526	3160	22 19.7
19	16 4 17.46	16.03	−18 42 33.0	35.6	0.956 7686	3287	22 15.5
20	16 4 1.43	15.82	18 41 57.4	34.9	0.957 0973	3413	22 11.3
21	16 3 45.61	15.60	18 41 22.5	34.2	0.957 4386	3537	22 7.1
22	16 3 30.01	15.38	18 40 48.3	33.4	0.957 7923	3660	22 2.9
23	16 3 14.63	15.14	18 40 14.9	32.6	0.958 1583	3782	21 58.8
24	16 2 59.49	14.90	18 39 42.3	31.9	0.958 5365	3902	21 54.6
25	16 2 44.59	14.65	−18 39 10.4	31.1	0.958 9267	4021	21 50.4
26	16 2 29.94	14.39	18 38 39.3	30.3	0.959 3288	4137	21 46.2
27	16 2 15.55	14.13	18 38 9.0	29.4	0.959 7425	4253	21 42.0
28	16 2 1.42	13.86	18 37 39.6	28.5	0.960 1678	4366	21 37.9
29	16 1 47.56	13.59	18 37 11.1	27.6	0.960 6044	4476	21 33.7
30	16 1 33.97	13.31	18 36 43.5	26.7	0.961 0520	4586	21 29.6
Juli 1	16 1 20.66	13.01	−18 36 16.8	25.8	0.961 5106	4694	21 25.4
2	16 1 7.65	12.71	18 35 51.0	24.8	0.961 9800	4799	21 21.3
3	16 0 54.94	12.41	18 35 26.2	23.9	0.962 4599	4902	21 17.2
4	16 0 42.53	12.10	18 35 2.3	22.9	0.962 9501	5003	21 13.0
5	16 0 30.43	11.78	18 34 39.4	21.9	0.963 4504	5102	21 8.9
6	16 0 18.65	11.47	18 34 17.5	20.8	0.963 9606	5198	21 4.8
7	16 0 7.18	11.15	−18 33 56.7	19.8	0.964 4804	5293	21 0.6
8	15 59 56.03	10.82	18 33 36.9	18.8	0.965 0097	5385	20 56.5
9	15 59 45.21	10.48	18 33 18.1	17.7	0.965 5482	5474	20 52.4
10	15 59 34.73	10.15	18 33 0.4	16.7	0.966 0956	5562	20 48.3
11	15 59 24.58	9.81	18 32 43.7	15.5	0.966 6518	5648	20 44.2
12	15 59 14.77	9.47	18 32 28.2	14.5	0.967 2166	5732	20 40.1
13	15 59 5.30	9.11	−18 32 13.7	13.3	0.967 7898	5813	20 36.1
14	15 58 56.19	8.77	18 32 0.4	12.3	0.968 3711	5893	20 32.0
15	15 58 47.42	8.41	18 31 48.1	11.2	0.968 9604	5970	20 27.9
16	15 58 39.01	8.05	18 31 36.9	10.1	0.969 5574	6045	20 23.8
17	15 58 30.96	7.69	18 31 26.8	8.9	0.970 1619	6117	20 19.8
18	15 58 23.27	7.33	18 31 17.9	7.8	0.970 7736	6189	20 15.7
19	15 58 15.94	6.97	−18 31 10.1	6.7	0.971 3925	6257	20 11.7
20	15 58 8.97	6.59	18 31 3.4	5.5	0.972 0182	6324	20 7.6
21	15 58 2.38	6.21	18 30 57.9	4.3	0.972 6506	6390	20 3.6
22	15 57 56.17	5.83	18 30 53.6	3.1	0.973 2896	6452	19 59.6
23	15 57 50.34	5.46	18 30 50.5	2.0	0.973 9348	6513	19 55.6
24	15 57 44.88		−18 30 48.5		0.974 5861		19 51.5

Tag	0h Welt-Zeit: Scheinbare Rektaszension		0h Welt-Zeit: Scheinbare Deklination		0h Welt-Zeit: log Δ		Obere Kulmination in Greenwich
1927	h m s	s	° ′ ″	″			h m
Juli 24	15 57 44.88	5.08	−18 30 48.5	0.8	0.974 5861	6571	19 51.5
25	15 57 39.80	4.69	18 30 47.7	0.3	0.975 2432	6626	19 47.5
26	15 57 35.11	4.30	18 30 48.0	1.6	0.975 9058	6680	19 43.5
27	15 57 30.81	3.90	18 30 49.6	2.8	0.976 5738	6731	19 39.5
28	15 57 26.91	3.51	18 30 52.4	4.0	0.977 2469	6780	19 35.5
29	15 57 23.40	3.12	18 30 56.4	5.3	0.977 9249	6827	19 31.6
30	15 57 20.28	2.72	−18 31 1.7	6.5	0.978 6076	6870	19 27.6
31	15 57 17.56	2.33	18 31 8.2	7.6	0.979 2946	6912	19 23.6
Aug. 1	15 57 15.23	1.92	18 31 15.8	8.9	0.979 9858	6951	19 19.6
2	15 57 13.31	1.52	18 31 24.7	10.1	0.980 6809	6988	19 15.7
3	15 57 11.79	1.12	18 31 34.8	11.3	0.981 3797	7023	19 11.7
4	15 57 10.67	0.73	18 31 46.1	12.6	0.982 0820	7054	19 7.8
5	15 57 9.94	0.32	−18 31 58.7	13.7	0.982 7874	7083	19 3.8
6	15 57 9.62	0.08	18 32 12.4	14.9	0.983 4957	7112	18 59.9
7	15 57 9.70	0.48	18 32 27.3	16.2	0.984 2069	7138	18 56.0
8	15 57 10.18	0.89	18 32 43.5	17.3	0.984 9207	7160	18 52.1
9	15 57 11.07	1.28	18 33 0.8	18.5	0.985 6367	7181	18 48.1
10	15 57 12.35	1.69	18 33 19.3	19.7	0.986 3548	7199	18 44.2
11	15 57 14.04	2.08	−18 33 39.0	20.9	0.987 0747	7216	18 40.3
12	15 57 16.12	2.49	18 33 59.9	22.1	0.987 7963	7231	18 36.4
13	15 57 18.61	2.89	18 34 22.0	23.2	0.988 5194	7245	18 32.6
14	15 57 21.50	3.28	18 34 45.2	24.3	0.989 2439	7256	18 28.7
15	15 57 24.78	3.69	18 35 9.5	25.5	0.989 9695	7266	18 24.8
16	15 57 28.47	4.08	18 35 35.0	26.7	0.990 6961	7272	18 20.9
17	15 57 32.55	4.48	−18 36 1.7	27.9	0.991 4233	7277	18 17.1
18	15 57 37.03	4.87	18 36 29.6	28.9	0.992 1510	7280	18 13.2
19	15 57 41.90	5.27	18 36 58.5	30.1	0.992 8790	7282	18 9.4
20	15 57 47.17	5.66	18 37 28.6	31.2	0.993 6072	7281	18 5.6
21	15 57 52.83	6.07	18 37 59.8	32.3	0.994 3353	7279	18 1.7
22	15 57 58.90	6.46	18 38 32.1	33.4	0.995 0632	7275	17 57.9
23	15 58 5.36	6.86	−18 39 5.5	34.5	0.995 7907	7268	17 54.1
24	15 58 12.22	7.24	18 39 40.0	35.6	0.996 5175	7259	17 50.3
25	15 58 19.46	7.64	18 40 15.6	36.7	0.997 2434	7249	17 46.5
26	15 58 27.10	8.03	18 40 52.3	37.7	0.997 9683	7236	17 42.7
27	15 58 35.13	8.41	18 41 30.0	38.9	0.998 6919	7222	17 38.9
28	15 58 43.54	8.80	18 42 8.9	39.9	0.999 4141	7204	17 35.1
29	15 58 52.34	9.19	−18 42 48.8	40.9	1.000 1345	7186	17 31.3
30	15 59 1.53	9.58	18 43 29.7	41.9	1.000 8531	7165	17 27.5
31	15 59 11.11	9.95	18 44 11.6	43.0	1.001 5696	7143	17 23.7
Sept. 1	15 59 21.06	10.33	18 44 54.6	43.9	1.002 2839	7119	17 20.0
2	15 59 31.39	10.70	18 45 38.5	44.9	1.002 9958	7093	17 16.2
3	15 59 42.09		−18 46 23.4		1.003 7051		17 12.5

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927	h m s	s	° ′ ″	′ ″			h m
Sept. 3	15 59 42.09	11.08	−18 46 23.4	0 45.8	1.003 7051	7065	17 12.5
4	15 59 53.17	11.45	18 47 9.2	0 46.8	1.004 4116	7035	17 8.7
5	16 0 4.62	11.81	18 47 56.0	0 47.7	1.005 1151	7004	17 5.0
6	16 0 16.43	12.17	18 48 43.7	0 48.6	1.005 8155	6970	17 1.3
7	16 0 28.60	12.55	18 49 32.3	0 49.6	1.006 5125	6937	16 57.5
8	16 0 41.15	12.91	18 50 21.9	0 50.4	1.007 2062	6901	16 53.8
9	16 0 54.06	13.25	−18 51 12.3	0 51.3	1.007 8963	6863	16 50.1
10	16 1 7.31	13.61	18 52 3.6	0 52.2	1.008 5826	6824	16 46.4
11	16 1 20.92	13.96	18 52 55.8	0 53.0	1.009 2650	6784	16 42.7
12	16 1 34.88	14.30	18 53 48.8	0 53.8	1.009 9434	6743	16 39.0
13	16 1 49.18	14.65	18 54 42.6	0 54.6	1.010 6177	6700	16 35.3
14	16 2 3.83	14.99	18 55 37.2	0 55.4	1.011 2877	6655	16 31.6
15	16 2 18.82	15.33	−18 56 32.6	0 56.2	1.011 9532	6610	16 27.9
16	16 2 34.15	15.67	18 57 28.8	0 56.9	1.012 6142	6563	16 24.3
17	16 2 49.82	16.00	18 58 25.7	0 57.7	1.013 2705	6515	16 20.6
18	16 3 5.82	16.34	18 59 23.4	0 58.5	1.013 9220	6465	16 17.0
19	16 3 22.16	16.67	19 0 21.9	0 59.2	1.014 5685	6415	16 13.3
20	16 3 38.83	17.00	19 1 21.1	0 59.8	1.015 2100	6361	16 9.6
21	16 3 55.83	17.32	−19 2 20.9	1 0.6	1.015 8461	6307	16 6.0
22	16 4 13.15	17.64	19 3 21.5	1 1.2	1.016 4768	6251	16 2.4
23	16 4 30.79	17.96	19 4 22.7	1 1.9	1.017 1019	6193	15 58.7
24	16 4 48.75	18.27	19 5 24.6	1 2.5	1.017 7212	6135	15 55.1
25	16 5 7.02	18.58	19 6 27.1	1 3.1	1.018 3347	6075	15 51.5
26	16 5 25.60	18.89	19 7 30.2	1 3.7	1.018 9422	6013	15 47.8
27	16 5 44.49	19.19	−19 8 33.9	1 4.3	1.019 5435	5951	15 44.2
28	16 6 3.68	19.50	19 9 38.2	1 4.9	1.020 1386	5888	15 40.6
29	16 6 23.18	19.79	19 10 43.1	1 5.5	1.020 7274	5822	15 37.0
30	16 6 42.97	20.07	19 11 48.6	1 5.9	1.021 3096	5755	15 33.4
Okt. 1	16 7 3.04	20.37	19 12 54.5	1 6.5	1.021 8851	5688	15 29.8
2	16 7 23.41	20.65	19 14 1.0	1 6.9	1.022 4539	5620	15 26.2
3	16 7 44.06	20.93	−19 15 7.9	1 7.4	1.023 0159	5550	15 22.6
4	16 8 4.99	21.21	19 16 15.3	1 7.9	1.023 5709	5479	15 19.0
5	16 8 26.20	21.48	19 17 23.2	1 8.3	1.024 1188	5407	15 15.5
6	16 8 47.68	21.74	19 18 31.5	1 8.7	1.024 6595	5335	15 11.9
7	16 9 9.42	22.01	19 19 40.2	1 9.1	1.025 1930	5261	15 8.3
8	16 9 31.43	22.26	19 20 49.3	1 9.5	1.025 7191	5186	15 4.8
9	16 9 53.69	22.52	−19 21 58.8	1 9.8	1.026 2377	5111	15 1.2
10	16 10 16.21	22.78	19 23 8.6	1 10.1	1.026 7488	5035	14 57.6
11	16 10 38.99	23.02	19 24 18.7	1 10.5	1.027 2523	4958	14 54.1
12	16 11 2.01	23.26	19 25 29.2	1 10.7	1.027 7481	4881	14 50.6
13	16 11 25.27	23.50	19 26 39.9	1 11.1	1.028 2362	4804	14 47.0
14	16 11 48.77		−19 27 51.0		1.028 7166		14 43.5

Tag	0h Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927	h m s	s	° ′ ″	′ ″			h m
Okt. 14	16 11 48.77	23.75	−19 27 51.0	1 11.3	1.028 7166	4724	14 43.5
15	16 12 12.52	23.98	19 29 2.3	1 11.6	1.029 1890	4644	14 39.9
16	16 12 36.50	24.20	19 30 13.9	1 11.9	1.029 6534	4562	14 36.4
17	16 13 0.70	24.44	19 31 25.8	1 12.0	1.030 1096	4479	14 32.9
18	16 13 25.14	24.66	19 32 37.8	1 12.3	1.030 5575	4397	14 29.4
19	16 13 49.80	24.87	19 33 50.1	1 12.5	1.030 9972	4313	14 25.8
20	16 14 14.67	25.09	−19 35 2.6	1 12.6	1.031 4285	4228	14 22.3
21	16 14 39.76	25.31	19 36 15.2	1 12.8	1.031 8513	4142	14 18.8
22	16 15 5.07	25.51	19 37 28.0	1 13.0	1.032 2655	4056	14 15.3
23	16 15 30.58	25.70	19 38 41.0	1 13.0	1.032 6711	3969	14 11.8
24	16 15 56.28	25.91	19 39 54.0	1 13.1	1.033 0680	3880	14 8.3
25	16 16 22.19	26.10	19 41 7.1	1 13.2	1.033 4560	3790	14 4.8
26	16 16 48.29	26.29	−19 42 20.3	1 13.3	1.033 8350	3701	14 1.3
27	16 17 14.58	26.47	19 43 33.6	1 13.4	1.034 2051	3610	13 57.8
28	16 17 41.05	26.65	19 44 47.0	1 13.4	1.034 5661	3519	13 54.3
29	16 18 7.70	26.82	19 46 0.4	1 13.4	1.034 9180	3428	13 50.8
30	16 18 34.52	27.00	19 47 13.8	1 13.4	1.035 2608	3335	13 47.3
31	16 19 1.52	27.16	19 48 27.2	1 13.3	1.035 5943	3243	13 43.8
Nov. 1	16 19 28.68	27.32	−19 49 40.5	1 13.3	1.035 9186	3149	13 40.4
2	16 19 56.00	27.48	19 50 53.8	1 13.3	1.036 2335	3055	13 36.9
3	16 20 23.48	27.62	19 52 7.1	1 13.2	1.036 5390	2961	13 33.4
4	16 20 51.10	27.77	19 53 20.3	1 13.1	1.036 8351	2866	13 29.9
5	16 21 18.87	27.91	19 54 33.4	1 13.0	1.037 1217	2770	13 26.5
6	16 21 46.78	28.05	19 55 46.4	1 12.8	1.037 3987	2675	13 23.0
7	16 22 14.83	28.18	−19 56 59.2	1 12.8	1.037 6662	2579	13 19.5
8	16 22 43.01	28.31	19 58 12.0	1 12.6	1.037 9241	2483	13 16.1
9	16 23 11.32	28.43	19 59 24.6	1 12.4	1.038 1724	2387	13 12.6
10	16 23 39.75	28.55	20 0 37.0	1 12.2	1.038 4111	2290	13 9.2
11	16 24 8.30	28.67	20 1 49.2	1 12.1	1.038 6401	2193	13 5.7
12	16 24 36.97	28.78	20 3 1.3	1 11.8	1.038 8594	2095	13 2.2
13	16 25 5.75	28.89	−20 4 13.1	1 11.6	1.039 0689	1997	12 58.8
14	16 25 34.64	28.99	20 5 24.7	1 11.4	1.039 2686	1897	12 55.3
15	16 26 3.63	29.09	20 6 36.1	1 11.1	1.039 4583	1799	12 51.9
16	16 26 32.72	29.18	20 7 47.2	1 10.9	1.039 6382	1700	12 48.4
17	16 27 1.90	29.28	20 8 58.1	1 10.7	1.039 8082	1599	12 45.0
18	16 27 31.18	29.36	20 10 8.8	1 10.3	1.039 9681	1499	12 41.5
19	16 28 0.54	29.44	−20 11 19.1	1 10.1	1.040 1180	1399	12 38.1
20	16 28 29.98	29.52	20 12 29.2	1 9.7	1.040 2579	1298	12 34.6
21	16 28 59.50	29.59	20 13 38.9	1 9.3	1.040 3877	1197	12 31.2
22	16 29 29.09	29.65	20 14 48.2	1 9.1	1.040 5074	1095	12 27.8
23	16 29 58.74	29.72	20 15 57.3	1 8.7	1.040 6169	992	12 24.3
24	16 30 28.46		−20 17 6.0		1.040 7161		12 20.9

Tag		0ʰ Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927		h m s	s	° ′ ″	′ ″			h m
Nov.	24	16 30 28.46	29.77	−20 17 6.0	1 8.3	1.040 7161	890	12 20.9
	25	16 30 58.23	29.81	20 18 14.3	1 8.0	1.040 8051	788	12 17.5
	26	16 31 28.04	29.86	20 19 22.3	1 7.6	1.040 8839	684	12 14.0
	27	16 31 57.90	29.90	20 20 29.9	1 7.2	1.040 9523	581	12 10.6
	28	16 32 27.80	29.94	20 21 37.1	1 6.8	1.041 0104	478	12 7.1
	29	16 32 57.74	29.97	20 22 43.9	1 6.3	1.041 0582	375	12 3.7
	30	16 33 27.71	29.99	−20 23 50.2	1 5.9	1.041 0957	273	12 0.3
Dez.	1	16 33 57.70	30.00	20 24 56.1	1 5.5	1.041 1230	170	11 56.8
	2	16 34 27.70	30.02	20 26 1.6	1 4.9	1.041 1400	67	11 53.4
	3	16 34 57.72	30.03	20 27 6.5	1 4.5	1.041 1467	— 35	11 50.0
	4	16 35 27.75	30.04	20 28 11.0	1 4.0	1.041 1432	138	11 46.5
	5	16 35 57.79	30.04	20 29 15.0	1 3.5	1.041 1294	240	11 43.1
	6	16 36 27.83	30.02	−20 30 18.5	1 3.0	1.041 1054	342	11 39.7
	7	16 36 57.85	30.02	20 31 21.5	1 2.5	1.041 0712	445	11 36.2
	8	16 37 27.87	30.00	20 32 24.0	1 1.9	1.041 0267	547	11 32.8
	9	16 37 57.87	29.99	20 33 25.9	1 1.5	1.040 9720	649	11 29.4
	10	16 38 27.86	29.96	20 34 27.4	1 0.9	1.040 9071	751	11 25.9
	11	16 38 57.82	29.93	20 35 28.3	1 0.3	1.040 8320	853	11 22.5
	12	16 39 27.75	29.91	−20 36 28.6	0 59.8	1.040 7467	955	11 19.0
	13	16 39 57.66	29.87	20 37 28.4	0 59.3	1.040 6512	1058	11 15.6
	14	16 40 27.53	29.83	20 38 27.7	0 58.7	1.040 5454	1159	11 12.2
	15	16 40 57.36	29.77	20 39 26.4	0 58.1	1.040 4295	1262	11 8.7
	16	16 41 27.13	29.73	20 40 24.5	0 57.6	1.040 3033	1364	11 5.3
	17	16 41 56.86	29.67	20 41 22.1	0 57.0	1.040 1669	1466	11 1.9
	18	16 42 26.53	29.61	−20 42 19.1	0 56.4	1.040 0203	1568	10 58.4
	19	16 42 56.14	29.54	20 43 15.5	0 55.8	1.039 8635	1670	10 55.0
	20	16 43 25.68	29.46	20 44 11.3	0 55.2	1.039 6965	1771	10 51.6
	21	16 43 55.14	29.39	20 45 6.5	0 54.5	1.039 5194	1873	10 48.1
	22	16 44 24.53	29.31	20 46 1.0	0 54.0	1.039 3321	1974	10 44.7
	23	16 44 53.84	29.22	20 46 55.0	0 53.3	1.039 1347	2075	10 41.2
	24	16 45 23.06	29.12	−20 47 48.3	0 52.6	1.038 9272	2175	10 37.8
	25	16 45 52.18	29.02	20 48 40.9	0 52.0	1.038 7097	2276	10 34.3
	26	16 46 21.20	28.91	20 49 32.9	0 51.4	1.038 4821	2376	10 30.9
	27	16 46 50.11	28.81	20 50 24.3	0 50.8	1.038 2445	2475	10 27.4
	28	16 47 18.92	28.69	20 51 15.1	0 50.0	1.037 9970	2574	10 23.9
	29	16 47 47.61	28.57	20 52 5.1	0 49.4	1.037 7396	2672	10 20.5
	30	16 48 16.18	28.44	−20 52 54.5	0 48.8	1.037 4724	2769	10 17.0
	31	16 48 44.62	28.31	20 53 43.3	0 48.0	1.037 1955	2866	10 13.5
	32	16 49 12.93		−20 54 31.3		1.036 9089		10 10.1

Tag	0h Welt-Zeit: Scheinbare Rektaszension		0h Welt-Zeit: Scheinbare Deklination		0h Welt-Zeit: log Δ		Obere Kulmination in Greenwich
1927	h m s	s	° ′ ″	′ ″			h m
Jan. −1	23 45 40.26	19.41	−2 21 32.5	2 16.1	1.306 7878	1 4364	17 12.2
+3	23 45 59.67	22.24	2 19 16.4	2 34.1	1.308 2242	1 4041	16 56.8
7	23 46 21.91	24.94	2 16 42.3	2 51.5	1.309 6283	1 3656	16 41.5
11	23 46 46.85	27.54	2 13 50.8	3 8.1	1.310 9939	1 3209	16 26.2
15	23 47 14.39	30.04	2 10 42.7	3 23.9	1.312 3148	1 2708	16 10.9
19	23 47 44.43	32.40	2 7 18.8	3 39.0	1.313 5856	1 2163	15 55.7
23	23 48 16.83	34.66	−2 3 39.8	3 53.2	1.314 8019	1 1566	15 40.5
27	23 48 51.49	36.81	1 59 46.6	4 6.7	1.315 9585	1 0922	15 25.3
31	23 49 28.30	38.80	1 55 39.9	4 19.3	1.317 0507	1 0233	15 10.2
Febr. 4	23 50 7.10	40.64	1 51 20.6	4 30.8	1.318 0740	9499	14 55.1
8	23 50 47.74	42.32	1 46 49.8	4 41.3	1.319 0239	8735	14 40.1
12	23 51 30.06	43.85	1 42 8.5	4 50.8	1.319 8974	7941	14 25.1
16	23 52 13.91	45.21	−1 37 17.7	4 59.1	1.320 6915	7122	14 10.1
20	23 52 59.12	46.44	1 32 18.6	5 6.4	1.321 4037	6280	13 55.1
24	23 53 45.56	47.49	1 27 12.2	5 12.9	1.322 0317	5419	13 40.2
28	23 54 33.05	48.40	1 21 59.3	5 18.3	1.322 5736	4533	13 25.2
März 4	23 55 21.45	49.12	1 16 41.0	5 22.4	1.323 0269	3634	13 10.3
8	23 56 10.57	49.66	1 11 18.6	5 25.4	1.323 3903	2723	12 55.4
12	23 57 0.23	50.04	−1 5 53.2	5 27.3	1.323 6626	1810	12 40.5
16	23 57 50.27	50.24	1 0 25.9	5 28.1	1.323 8436	897	12 25.6
20	23 58 40.51	50.32	0 54 57.8	5 27.9	1.323 9333	−14	12 10.7
24	23 59 30.83	50.21	0 49 29.9	5 26.6	1.323 9319	928	11 55.8
28	0 0 21.04	49.94	0 44 3.3	5 24.5	1.323 8391	1836	11 40.9
April 1	0 1 10.98	49.53	0 38 38.8	5 21.1	1.323 6555	2738	11 26.0
5	0 2 0.51	48.92	−0 33 17.7	5 16.5	1.323 3817	3625	11 11.1
9	0 2 49.43	48.15	0 28 1.2	5 11.0	1.323 0192	4498	10 56.2
13	0 3 37.58	47.24	0 22 50.2	5 4.5	1.322 5694	5344	10 41.2
17	0 4 24.82	46.19	0 17 45.7	4 57.2	1.322 0350	6172	10 26.3
21	0 5 11.01	45.00	0 12 48.5	4 48.9	1.321 4178	6974	10 11.3
25	0 5 56.01	43.68	0 7 59.6	4 39.6	1.320 7204	7760	9 56.3
29	0 6 39.69	42.18	−0 3 20.0	4 29.5	1.319 9444	8516	9 41.3
Mai 3	0 7 21.87	40.55	+0 1 9.5	4 18.4	1.319 0928	9238	9 26.3
7	0 8 2.42	38.79	0 5 27.9	4 6.4	1.318 1690	9917	9 11.2
11	0 8 41.21	36.91	0 9 34.3	3 53.7	1.317 1773	1 0563	8 56.1
15	0 9 18.12	34.91	0 13 28.0	3 40.3	1.316 1210	1 1165	8 41.0
19	0 9 53.03	32.82	0 17 8.3	3 26.2	1.315 0045	1 1727	8 25.9
23	0 10 25.85	30.61	+0 20 34.5	3 11.6	1.313 8318	1 2252	8 10.7
27	0 10 56.46	28.28	0 23 46.1	2 56.1	1.312 6066	1 2727	7 55.5
31	0 11 24.74	25.86	0 26 42.2	2 40.0	1.311 3339	1 3155	7 40.2
Juni 4	0 11 50.60	23.34	0 29 22.2	2 23.4	1.310 0184	1 3521	7 24.9
8	0 12 13.94	20.76	0 31 45.6	2 6.3	1.308 6663	1 3835	7 9.6
12	0 12 34.70		+0 33 51.9		1.307 2828		6 54.2

Tag		0h Welt-Zeit: Scheinbare Rektaszension	Diff.	0h Welt-Zeit: Scheinbare Deklination	Diff.	0h Welt-Zeit: log Δ	Diff.	Obere Kulmination in Greenwich
1927		h m s	s	° ′ ″	′ ″			h m
Juni	12	0 12 34.70	18.12	+0 33 51.9	1 48.9	1.307 2828	1 4086	6 54.2
	16	0 12 52.82	15.41	0 35 40.8	1 31.3	1.305 8742	1 4288	6 38.7
	20	0 13 8.23	12.66	0 37 12.1	1 13.3	1.304 4454	1 4435	6 23.2
	24	0 13 20.89	9.86	0 38 25.4	0 55.0	1.303 0019	1 4518	6 7.7
	28	0 13 30.75	7.02	0 39 20.4	0 36.5	1.301 5501	1 4534	5 52.2
Juli	2	0 13 37.77	4.16	0 39 56.9	0 18.0	1.300 0967	1 4484	5 36.6
	6	0 13 41.93	1.31	+0 40 14.9	0 0.5	1.298 6483	1 4362	5 20.9
	10	0 13 43.24	1.52	0 40 14.4	0 18.9	1.297 2121	1 4176	5 5.2
	14	0 13 41.72	4.33	0 39 55.5	0 36.9	1.295 7945	1 3927	4 49.5
	18	0 13 37.39	7.11	0 39 18.6	0 54.8	1.294 4018	1 3617	4 33.7
	22	0 13 30.28	9.86	0 38 23.8	1 12.3	1.293 0401	1 3237	4 17.8
	26	0 13 20.42	12.54	0 37 11.5	1 29.5	1.291 7164	1 2788	4 1.9
	30	0 13 7.88	15.15	+0 35 42.0	1 46.1	1.290 4376	1 2265	3 46.0
Aug.	3	0 12 52.73	17.65	0 33 55.9	2 2.0	1.289 2111	1 1678	3 30.0
	7	0 12 35.08	20.02	0 31 53.9	2 17.0	1.288 0433	1 1030	3 14.0
	11	0 12 15.06	22.27	0 29 36.9	2 31.2	1.286 9403	1 0328	2 57.9
	15	0 11 52.79	24.41	0 27 5.7	2 44.5	1.285 9075	9569	2 41.8
	19	0 11 28.38	26.39	0 24 21.2	2 56.8	1.284 9506	8755	2 25.7
	23	0 11 1.99	28.23	+0 21 24.4	3 8.1	1.284 0751	7881	2 9.5
	27	0 10 33.76	29.87	0 18 16.3	3 18.3	1.283 2870	6962	1 53.3
	31	0 10 3.89	31.31	0 14 58.0	3 27.0	1.282 5908	5995	1 37.1
Sept.	4	0 9 32.58	32.53	0 11 31.0	3 34.3	1.281 9913	4994	1 20.8
	8	0 9 0.05	33.55	0 7 56.7	3 40.1	1.281 4919	3965	1 4.6
	12	0 8 26.50	34.36	0 4 16.6	3 44.7	1.281 0954	2915	0 48.3
	16	0 7 52.14	34.95	+0 0 31.9	3 47.9	1.280 8039	1838	0 32.0
	20	0 7 17.19	35.32	−0 3 16.0	3 49.5	1.280 6201	745	0 15.7
	24	0 6 41.87	35.43	0 7 5.5	3 49.5	1.280 5456	363	23 55.3
	28	0 6 6.44	35.31	0 10 55.0	3 47.8	1.280 5819	1469	23 39.0
Okt.	2	0 5 31.13	34.92	0 14 42.8	3 44.6	1.280 7288	2569	23 22.7
	6	0 4 56.21	34.28	0 18 27.4	3 39.8	1.280 9857	3650	23 6.4
	10	0 4 21.93	33.45	−0 22 7.2	3 33.6	1.281 3507	4712	22 50.1
	14	0 3 48.48	32.40	0 25 40.8	3 26.0	1.281 8219	5750	22 33.8
	18	0 3 16.08	31.10	0 29 6.8	3 16.9	1.282 3969	6760	22 17.6
	22	0 2 44.98	29.60	0 32 23.7	3 6.4	1.283 0729	7738	22 1.3
	26	0 2 15.38	27.86	0 35 30.1	2 54.6	1.283 8467	8671	21 45.1
	30	0 1 47.52	25.93	0 38 24.7	2 41.4	1.284 7138	9551	21 28.9
Nov.	3	0 1 21.59	23.83	−0 41 6.1	2 27.1	1.285 6689	1 0374	21 12.8
	7	0 0 57.76	21.56	0 43 33.2	2 11.9	1.286 7063	1 1136	20 56.7
	11	0 0 36.20	19.17	0 45 45.1	1 55.9	1.287 8199	1 1835	20 40.6
	15	0 0 17.03	16.63	0 47 41.0	1 38.9	1.289 0034	1 2477	20 24.5
	19	0 0 0.40	13.95	0 49 19.9	1 21.1	1.290 2511	1 3052	20 8.5
	23	23 59 46.45		−0 50 41.0		1.291 5563		19 52.6

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927	h m s	s	° ′ ″	′ ″			h m
Nov. 23	23 59 46.45	11.16	—0 50 41.0	1 2.7	1.291 5563	1 3554	19 52.6
27	23 59 35.29	8.28	0 51 43.7	0 43.7	1.292 9117	1 3977	19 36.7
Dez. 1	23 59 27.01	5.34	0 52 27.4	0 24.3	1.294 3094	1 4322	19 20.8
5	23 59 21.67	2.36	0 52 51.7	0 4.8	1.295 7416	1 4593	19 5.0
9	23 59 19.31	0.64	0 52 56.5	0 14.8	1.297 2009	1 4788	18 49.3
13	23 59 19.95	3.65	0 52 41.7	0 34.5	1.298 6797	1 4913	18 33.6
17	23 59 23.60	6.71	—0 52 7.2	0 54.3	1.300 1710	1 4970	18 17.9
21	23 59 30.31	9.74	0 51 12.9	1 14.0	1.301 6680	1 4947	18 2.3
25	23 59 40.05	12.74	0 49 58.9	1 33.4	1.303 1627	1 4848	17 46.8
29	23 59 52.79	15.69	0 48 25.5	1 52.5	1.304 6475	1 4672	17 31.3
33	0 0 8.48		—0 46 33.0		1.306 1147		17 15.8

Neptun 1927

Tag	0h Welt-Zeit: Scheinbare Rektaszension		0h Welt-Zeit: Scheinbare Deklination		0h Welt-Zeit: log Δ		Obere Kulmination in Greenwich
1927	h m s	s	° ′ ″	′ ″			h m
Jan. −1	9 56 30.09	15.59	+13 1 38.4	1 28.5	1.469 2483	7504	3 25.2
+3	9 56 14.50	17.24	13 3 6.9	1 37.0	1.468 4979	6997	3 9.3
7	9 55 57.26	18.75	13 4 43.9	1 44.9	1.467 7982	6449	2 53.3
11	9 55 38.51	20.13	13 6 28.8	1 51.8	1.467 1533	5863	2 37.2
15	9 55 18.38	21.39	13 8 20.6	1 58.1	1.466 5670	5255	2 21.1
19	9 54 56.99	22.52	13 10 18.7	2 3.7	1.466 0415	4613	2 5.1
23	9 54 34.47	23.50	+13 12 22.4	2 8.4	1.465 5802	3945	1 49.0
27	9 54 10.97	24.34	13 14 30.8	2 12.3	1.465 1857	3252	1 32.8
31	9 53 46.63	25.01	13 16 43.1	2 15.4	1.464 8605	2538	1 16.7
Febr. 4	9 53 21.62	25.50	13 18 58.5	2 17.6	1.464 6067	1810	1 0.6
8	9 52 56.12	25.83	13 21 16.1	2 18.8	1.464 4257	1076	0 44.4
12	9 52 30.29	25.98	13 23 34.9	2 19.1	1.464 3181	338	0 28.3
16	9 52 4.31	25.97	+13 25 54.0	2 18.5	1.464 2843	396	0 12.1
20	9 51 38.34	25.80	13 28 12.5	2 17.1	1.464 3239	1129	23 51.9
24	9 51 12.54	25.48	13 30 29.6	2 14.9	1.464 4368	1855	23 35.8
28	9 50 47.06	24.98	13 32 44.5	2 11.9	1.464 6223	2571	23 19.6
März 4	9 50 22.08	24.31	13 34 56.4	2 7.9	1.464 8794	3272	23 3.5
8	9 49 57.77	23.47	13 37 4.3	2 3.1	1.465 2066	3948	22 47.3
12	9 49 34.30	22.50	+13 39 7.4	1 57.6	1.465 6014	4598	22 31.2
16	9 49 11.80	21.40	13 41 5.0	1 51.4	1.466 0612	5216	22 15.1
20	9 48 50.40	20.16	13 42 56.4	1 44.7	1.466 5828	5807	21 59.0
24	9 48 30.24	18.81	13 44 41.1	1 37.3	1.467 1635	6365	21 43.0
28	9 48 11.43	17.33	13 46 18.4	1 29.4	1.467 8000	6890	21 27.0
April 1	9 47 54.10	15.75	13 47 47.8	1 20.9	1.468 4890	7376	21 11.0
5	9 47 38.35	14.06	+13 49 8.7	1 12.0	1.469 2266	7818	20 55.0
9	9 47 24.29	12.27	13 50 20.7	1 2.6	1.470 0084	8215	20 39.0
13	9 47 12.02	10.45	13 51 23.3	0 53.0	1.470 8299	8565	20 23.1
17	9 47 1.57	8.57	13 52 16.3	0 43.1	1.471 6864	8874	20 7.2
21	9 46 53.00	6.63	13 52 59.4	0 33.0	1.472 5738	9140	19 51.3
25	9 46 46.37	4.64	13 53 32.4	0 22.7	1.473 4878	9363	19 35.5
29	9 46 41.73	2.62	+13 53 55.1	0 12.2	1.474 4241	9536	19 19.7
Mai 3	9 46 39.11	0.57	13 54 7.3	0 1.7	1.475 3777	9664	19 3.9
7	9 46 38.54	1.49	13 54 9.0	0 8.9	1.476 3441	9739	18 48.2
11	9 46 40.03	3.54	13 54 0.1	0 19.4	1.477 3180	9772	18 32.5
15	9 46 43.57	5.56	13 53 40.7	0 29.8	1.478 2952	9762	18 16.8
19	9 46 49.13	7.56	13 53 10.9	0 40.1	1.479 2714	9708	18 1.2
23	9 46 56.69	9.55	+13 52 30.8	0 50.4	1.480 2422	9615	17 45.6
27	9 47 6.24	11.52	13 51 40.4	1 0.5	1.481 2037	9480	17 30.1
31	9 47 17.76	13.45	13 50 39.9	1 10.3	1.482 1517	9299	17 14.5
Juni 4	9 47 31.21	15.31	13 49 29.6	1 19.8	1.483 0816	9078	16 59.0
8	9 47 46.52	17.10	13 48 9.8	1 29.0	1.483 9894	8821	16 43.6
12	9 48 3.62		+13 46 40.8		1.484 8715		16 28.1

Tag	0ʰ Welt Zeit: Scheinbare Rektaszension		0ʰ Welt Zeit: Scheinbare Deklination		0ʰ Welt Zeit: log Δ		Obere Kulmination in Greenwich
1927	h m s	s	° ′ ″	′ ″			h m
Juni 12	9 48 3.62	18.84	+13 46 40.8	1 38.0	1.484 8715	8530	16 28.1
16	9 48 22.46	20.50	13 45 2.8	1 46.7	1.485 7245	8207	16 12.7
20	9 48 42.96	22.10	13 43 16.1	1 54.8	1.486 5452	7854	15 57.3
24	9 49 5.06	23.62	13 41 21.3	2 2.7	1.487 3306	7463	15 42.0
28	9 49 28.68	25.05	13 39 18.6	2 10.2	1.488 0769	7046	15 26.6
Juli 2	9 49 53.73	26.41	13 37 8.4	2 17.2	1.488 7815	6600	15 11.3
6	9 50 20.14	27.65	+13 34 51.2	2 23.7	1.489 4415	6128	14 56.0
10	9 50 47.79	28.79	13 32 27.5	2 29.7	1.490 0543	5634	14 40.8
14	9 51 16.58	29.82	13 29 57.8	2 35.1	1.490 6177	5125	14 25.5
18	9 51 46.40	30.78	13 27 22.7	2 40.2	1.491 1302	4595	14 10.3
22	9 52 17.18	31.63	13 24 42.5	2 44.7	1.491 5897	4041	13 55.1
26	9 52 48.81	32.38	13 21 57.8	2 48.8	1.491 9938	3476	13 39.9
30	9 53 21.19	33.00	+13 19 9.0	2 52.0	1.492 3414	2895	13 24.7
Aug. 3	9 53 54.19	33.50	13 16 17.0	2 54.8	1.492 6309	2299	13 9.5
7	9 54 27.69	33.89	13 13 22.2	2 57.0	1.492 8608	1700	12 54.3
11	9 55 1.58	34.16	13 10 25.2	2 58.4	1.493 0308	1096	12 39.2
15	9 55 35.74	34.34	13 7 26.8	2 59.5	1.493 1404	484	12 24.0
19	9 56 10.08	34.40	13 4 27.3	2 59.8	1.493 1888	133	12 8.9
23	9 56 44.48	34.34	+13 1 27.5	2 59.7	1.493 1755	749	11 53.7
27	9 57 18.82	34.15	12 58 27.8	2 58.8	1.493 1006	1369	11 38.5
31	9 57 52.97	33.84	12 55 29.0	2 57.2	1.492 9637	1983	11 23.4
Sept. 4	9 58 26.81	33.40	12 52 31.8	2 54.9	1.492 7654	2590	11 8.2
8	9 59 0.21	32.86	12 49 36.9	2 52.1	1.492 5064	3184	10 53.0
12	9 59 33.07	32.22	12 46 44.8	2 48.8	1.492 1880	3771	10 37.8
16	10 0 5.29	31.47	+12 43 56.0	2 44.7	1.491 8109	4344	10 22.6
20	10 0 36.76	30.59	12 41 11.3	2 40.0	1.491 3765	4911	10 7.4
24	10 1 7.35	29.58	12 38 31.3	2 34.6	1.490 8854	5459	9 52.2
28	10 1 36.93	28.47	12 35 56.7	2 28.7	1.490 3395	5981	9 37.0
Okt. 2	10 2 5.40	27.26	12 33 28.0	2 22.1	1.489 7414	6484	9 21.7
6	10 2 32.66	25.94	12 31 5.9	2 15.0	1.489 0930	6960	9 6.5
10	10 2 58.60	24.55	+12 28 50.9	2 7.3	1.488 3970	7406	8 51.2
14	10 3 23.15	23.05	12 26 43.6	1 59.1	1.487 6564	7830	8 35.9
18	10 3 46.20	21.46	12 24 44.5	1 50.5	1.486 8734	8222	8 20.5
22	10 4 7.66	19.77	12 22 54.0	1 41.3	1.486 0512	8584	8 5.1
26	10 4 27.43	18.01	12 21 12.7	1 31.6	1.485 1928	8905	7 49.7
30	10 4 45.44	16.16	12 19 41.1	1 21.6	1.484 3023	9185	7 34.3
Nov. 3	10 5 1.60	14.26	+12 18 19.5	1 11.2	1.483 3838	9425	7 18.8
7	10 5 15.86	12.32	12 17 8.3	1 0.3	1.482 4413	9623	7 3.3
11	10 5 28.18	10.32	12 16 8.0	0 49.4	1.481 4790	9781	6 47.8
15	10 5 38.50	8.28	12 15 18.6	0 38.2	1.480 5009	9895	6 32.2
19	10 5 46.78	6.20	12 14 40.4	0 26.8	1.479 5114	9963	6 16.6
23	10 5 52.98		+12 14 13.6		1.478 5151		6 1.9

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1927	h m s	s	° ′ ″	′ ″			h m
Nov. 23	10 5 52.98	4.09	+12 14 13.6	0 15.3	1.478 5151	9980	6 1.0
27	10 5 57.07	1.96	12 13 58.3	0 3.6	1.477 5171	9945	5 45.4
Dez. 1	10 5 59.03	0.15	12 13 54.7	0 8.0	1.476 5226	9860	5 29.7
5	10 5 58.88	2.24	12 14 2.7	0 19.4	1.475 5366	9726	5 13.9
9	10 5 56.64	4.32	12 14 22.1	0 30.7	1.474 5640	9542	4 58.2
13	10 5 52.32	6.37	12 14 52.8	0 41.8	1.473 6098	9312	4 42.4
17	10 5 45.95	8.37	+12 15 34.6	0 52.7	1.472 6786	9034	4 26.5
21	10 5 37.58	10.34	12 16 27.3	1 3.2	1.471 7752	8703	4 10.7
25	10 5 27.24	12.23	12 17 30.5	1 13.3	1.470 9049	8322	3 54.8
29	10 5 15.01	14.02	12 18 43.8	1 23.0	1.470 0727	7891	3 38.8
33	10 5 0.99		+12 20 6.8		1.469 2836		3 22.9

Mittleres Äquinoktium 1925.0

MERKUR 1927

0h Welt-Zeit	log *r*	Helioz. Länge	Red. a. d. Bahn	Helioz. Breite	0h Welt-Zeit	log *r*	Helioz. Länge	Red. a. d. Bahn	Helioz. Breite
1927					1927				
Jan. −2	9.6467	219° 6	− 4′	+1° 1′	Juli 2	9.6669	245° 7	+ 7′	−2° 8
+3	9.6606	233 45	+ 3	−0 46	7	9.6689	258 52	+11	−3 40
8	9.6678	247 43	+ 8	−2 26	12	9.6643	272 44	+13	−4 59
13	9.6685	261 27	+12	−3 56	17	9.6532	287 10	+11	−6 3
18	9.6628	275 23	+13	−5 13	22	9.6354	302 39	+ 6	−6 46
23	9.6504	289 59	+11	−6 13	27	9.6109	319 46	− 1	−7 0
28	9.6313	305 44	+ 5	−6 52	Aug. 1	9.5805	339 11	− 9	−6 31
Febr. 2	9.6056	323 13	− 3	−6 58	6	9.5463	1 40	−13	−5 2
7	9.5743	343 9	−10	−6 19	11	9.5137	27 48	− 8	−2 22
12	9.5399	6 17	−13	−4 37	16	9.4918	57 24	+ 4	+1 13
17	9.5085	33 7	− 6	−1 44	21	9.4897	88 51	+13	+4 39
22	9.4897	63 15	+ 7	+1 55	26	9.5083	119 17	+ 8	+6 39
27	9.4918	94 44	+13	+5 9	31	9.5397	146 27	− 4	+6 55
März 4	9.5136	124 41	+ 6	+6 50	Sept. 5	9.5741	169 41	−12	+5 56
9	9.5461	151 6	− 6	+6 48	10	9.6055	189 32	−12	+4 19
14	9.5803	173 39	−12	+5 40	15	9.6312	206 50	− 9	+2 29
19	9.6108	192 57	−12	+3 59	20	9.6503	222 23	− 2	+0 37
24	9.6353	209 52	− 7	+2 7	25	9.6627	236 50	+ 4	−1 9
29	9.6531	225 10	− 1	+0 17	30	9.6685	250 43	+ 9	−2 47
April 3	9.6643	239 28	+ 5	−1 28	Okt. 5	9.6678	264 27	+12	−4 14
8	9.6689	253 17	+10	−3 4	10	9.6606	278 30	+13	−5 28
13	9.6670	267 3	+13	−4 29	15	9.6468	293 18	+10	−6 24
18	9.6585	281 13	+12	−5 40	20	9.6262	309 22	+ 4	−6 56
23	9.6434	296 12	+ 9	−6 32	25	9.5992	327 20	− 4	−6 54
28	9.6216	312 35	+ 2	−6 59	30	9.5669	347 54	−11	−6 3
Mai 3	9.5935	330 58	− 6	−6 49	Nov. 4	9.5325	11 49	−12	−4 6
8	9.5604	352 7	−12	−5 46	9	9.5029	39 27	− 4	−0 59
13	9.5263	16 44	−11	−3 35	14	9.4883	70 6	+ 9	+2 43
18	9.4988	45 2	− 1	−0 18	19	9.4951	101 30	+12	+5 41
23	9.4879	76 2	+11	+3 22	24	9.5201	130 48	+ 3	+6 57
28	9.4987	107 14	+11	+6 4	29	9.5537	156 21	− 8	+6 38
Juni 2	9.5261	135 54	+ 1	+7 0	Dez. 4	9.5874	178 6	−13	+5 19
7	9.5602	160 42	− 9	+6 26	9	9.6167	196 49	−11	+3 35
12	9.5933	181 49	−13	+5 1	14	9.6397	213 19	− 6	+1 43
17	9.6215	200 3	−11	+3 14	19	9.6561	228 21	0	−0 7
22	9.6433	216 14	− 5	+1 22	24	9.6659	242 31	+ 6	−1 50
27	9.6585	231 4	+ 2	−0 27	29	9.6690	256 17	+11	−3 24
Juli 2	9.6669	245 7	+ 7	−2 8	34	9.6656	270 5	+13	−4 46

$\Omega = 47^\circ\ 26'.5;\quad i = 7^\circ\ 0'.20;\quad m = \frac{1}{6000000}$

Mittleres Äquinoktium 1925.0

0h Welt-Zeit	log r	Helioz. Länge	Red. a. d. Bahn	Helioz. Breite	log r	Helioz. Länge	Red. a. d. Bahn	Helioz. Breite
	VENUS 1927				MARS 1927			
1927								
Jan. −7	9.86211	289° 56′.0	+2′.8	−1° 53′.8	0.18171	68° 20′.7	+0′.6	+0° 36′.9
+3	9.86228	305 44.4	+3.0	−2 35.5	0.18540	73 32.8	+0.7	+0 46.2
13	9.86223	321 33.4	+2.3	−3 5.4	0.18901	78 39.7	+0.8	+0 55.0
23	9.86196	337 23.9	+0.9	−3 21.3	0.19251	83 41.5	+0.8	+1 3.2
Febr. 2	9.86149	353 16.2	−0.8	−3 22.0	0.19589	88 38.6	+0.9	+1 10.9
12	9.86085	9 10.7	−2.2	−3 7.2	0.19911	93 31.3	+0.9	+1 17.9
22	9.86010	25 7.7	−3.0	−2 38.0	0.20216	98 19.7	+0.9	+1 24.2
März 4	9.85928	41 7.3	−2.8	−1 56.5	0.20503	103 4.3	+0.9	+1 29.9
14	9.85846	57 9.7	−1.8	−1 5.8	0.20770	107 45.4	+0.8	+1 34.9
24	9.85771	73 15.0	−0.3	−0 9.8	0.21016	112 23.1	+0.7	+1 39.3
April 3	9.85708	89 23.3	+1.4	+0 47.2	0.21240	116 57.9	+0.6	+1 42.9
13	9.85663	105 34.4	+2.6	+1 40.6	0.21441	121 30.0	+0.5	+1 45.9
23	9.85639	121 47.9	+3.0	+2 26.1	0.21618	125 59.8	+0.4	+1 48.2
Mai 3	9.85639	138 2.9	+2.5	+2 59.9	0.21771	130 27.5	+0.3	+1 49.8
13	9.85661	154 18.2	+1.2	+3 19.4	0.21899	134 53.5	+0.1	+1 50.7
23	9.85706	170 32.3	−0.5	+3 23.0	0.22003	139 18.1	0.0	+1 51.0
Juni 2	9.85768	186 43.9	−2.0	+3 10.5	0.22081	143 41.6	−0.1	+1 50.6
12	9.85842	202 51.8	−2.9	+2 43.0	0.22133	148 4.3	−0.3	+1 49.6
22	9.85924	218 55.4	−2.9	+2 3.0	0.22159	152 26.5	−0.4	+1 48.0
Juli 2	9.86006	234 54.4	−2.0	+1 13.4	0.22159	156 48.5	−0.5	+1 45.7
12	9.86082	250 49.2	−0.5	+0 18.4	0.22134	161 10.7	−0.6	+1 42.8
22	9.86147	266 40.8	+1.1	−0 37.8	0.22083	165 33.4	−0.7	+1 39.3
Aug. 1	9.86195	282 30.3	+2.4	−1 31.0	0.22006	169 56.8	−0.8	+1 35.2
11	9.86223	298 18.8	+3.0	−2 17.2	0.21903	174 21.2	−0.8	+1 30.5
21	9.86228	314 7.4	+2.7	−2 53.0	0.21776	178 47.1	−0.9	+1 25.3
31	9.86212	329 57.1	+1.6	−3 15.7	0.21623	183 14.6	−0.9	+1 19.5
Sept. 10	9.86174	345 48.5	0.0	−3 23.6	0.21447	187 44.2	−0.9	+1 13.2
20	9.86118	1 41.9	−1.6	−3 16.0	0.21247	192 16.1	−0.9	+1 6.4
30	9.86048	17 37.7	−2.7	−2 53.4	0.21024	196 50.6	−0.8	+0 59.0
Okt. 10	9.85968	33 36.0	−3.0	−2 17.4	0.20778	201 28.1	−0.7	+0 51.2
20	9.85886	49 36.9	−2.6	−1 30.6	0.20512	206 8.9	−0.6	+0 43.1
30	9.85807	65 40.7	−1.1	−0 36.5	0.20226	210 53.2	−0.5	+0 34.5
Nov. 9	9.85738	81 47.5	+0.6	+0 20.6	0.19922	215 41.4	−0.4	+0 25.5
19	9.85684	97 57.2	+2.1	+1 16.2	0.19600	220 33.8	−0.3	+0 16.2
29	9.85650	114 9.6	+2.9	+2 5.9	0.19264	225 30.6	−0.1	+0 6.7
Dez. 9	9.85638	130 24.0	+2.9	+2 45.6	0.18914	230 32.2	+0.1	−0 3.0
19	9.85649	146 39.2	+1.9	+3 12.2	0.18554	235 38.7	+0.2	−0 12.9
29	9.85683	162 54.1	+0.3	+3 23.3	0.18185	240 50.5	+0.4	−0 22.8
39	9.85736	179 7.0	−1.3	+3 18.3	0.17811	246 7.6	+0.6	−0 32.8

Venus: ☊ $= 76^\circ\ 0'.3$; $i = 3^\circ\ 23'.63$; $m = \frac{1}{408000}$

Mars: ☊ $= 48^\circ\ 58'.7$; $i = 1^\circ\ 51'.01$; $m = \frac{1}{3093500}$

Mittleres Äquinoktium 1925.0

0h Welt-Zeit	log *R*	Länge	log *r*	Heliozentr. Länge	Red. auf d. Bahn	Heliozentr. Breite
	ERDE 1927		JUPITER 1927			
1927		° ′		° ′ ″	″	° ′ ″
Jan. − 7	9.99279	91 24.2	0.699586	333 46 58.6	+25.5	−1 3 35.0
+ 3	9.99267	101 35.6	0.699382	334 40 46.4	+25.2	−1 4 17.8
13	9.99278	111 47.1	0.699181	335 34 37.1	+24.9	−1 4 59.7
23	9.99311	121 58.0	0.698984	336 28 30.8	+24.6	−1 5 40.7
Febr. 2	9.99365	132 7.6	0.698790	337 22 27.3	+24.3	−1 6 20.6
12	9.99438	142 15.4	0.698601	338 16 26.7	+23.9	−1 6 59.7
22	9.99528	152 21.0	0.698415	339 10 29.1	+23.5	−1 7 37.8
März 4	9.99632	162 23.9	0.698234	340 4 34.2	+23.1	−1 8 15.0
14	9.99747	172 23.7	0.698056	340 58 41.8	+22.6	−1 8 51.1
24	9.99868	182 20.2	0.697883	341 52 52.3	+22.1	−1 9 26.3
April 3	9.99993	192 13.4	0.697714	342 47 5.1	+21.7	−1 10 0.4
13	0.00117	202 3.2	0.697549	343 41 20.8	+21.2	−1 10 33.6
23	0.00237	211 49.7	0.697388	344 35 38.7	+20.6	−1 11 5.6
Mai 3	0.00350	221 33.0	0.697232	345 29 59.1	+20.1	−1 11 36.7
13	0.00452	231 13.4	0.697080	346 24 21.7	+19.5	−1 12 6.7
23	0.00541	240 51.3	0.696932	347 18 46.8	+18.9	−1 12 35.7
Juni 2	0.00613	250 27.0	0.696788	348 13 13.9	+18.3	−1 13 3.5
12	0.00668	260 1.1	0.696650	349 7 43.3	+17.6	−1 13 30.3
22	0.00704	269 33.9	0.696516	350 2 14.6	+17.0	−1 13 56.0
Juli 2	0.00720	279 6.0	0.696386	350 56 48.2	+16.3	−1 14 20.6
12	0.00716	288 38.1	0.696261	351 51 23.5	+15.6	−1 14 44.1
22	0.00691	298 10.5	0.696141	352 46 0.9	+14.9	−1 15 6.4
Aug. 1	0.00646	307 43.8	0.696025	353 40 39.9	+14.2	−1 15 27.7
11	0.00583	317 18.5	0.695914	354 35 20.8	+13.5	−1 15 47.7
21	0.00504	326 55.1	0.695808	355 30 3.3	+12.8	−1 16 6.7
31	0.00409	336 34.1	0.695706	356 24 47.3	+12.0	−1 16 24.5
Sept. 10	0.00302	346 15.8	0.695609	357 19 32.9	+11.2	−1 16 41.3
20	0.00186	355 0.5	0.695518	358 14 19.9	+10.4	−1 16 56.8
30	0.00063	5 48.4	0.695430	359 9 8.4	+ 9.6	−1 17 11.1
Okt. 10	9.99938	15 39.6	0.695348	0 3 58.0	+ 8.8	−1 17 24.2
20	9.99815	25 34.3	0.695271	0 58 48.9	+ 8.0	−1 17 36.1
30	9.99696	35 32.3	0.695199	1 53 40.9	+ 7.2	−1 17 46.9
Nov. 9	9.99585	45 33.5	0.695131	2 48 34.1	+ 6.4	−1 17 56.6
19	9.99487	55 37.6	0.695069	3 43 28.1	+ 5.6	−1 18 5.1
29	9.99404	65 44.2	0.695012	4 38 23.1	+ 4.7	−1 18 12.3
Dez. 9	9.99339	75 52.9	0.694959	5 33 18.9	+ 3.9	−1 18 18.2
19	9.99294	86 3.1	0.694912	6 28 15.5	+ 3.0	−1 18 23.1
29	9.99271	96 14.4	0.694870	7 23 12.9	+ 2.2	−1 18 26.8
39	9.99268	106 25.2	0.694832	8 18 9.3	+ 1.3	−1 18 29.2

Erde: $m = \frac{1}{329390}$

Jupiter: $\Omega = 99^\circ 41' 52''.2$; $i = 1^\circ 18' 26''.4$; $m = \frac{1}{1047.35}$

Mittleres Äquinoktium 1925.0

0h Welt-Zeit	log r	Heliozentr. Länge	Red. auf die Bahn	Heliozentr. Breite
SATURN 1927				
1926 Dez. 14	0.998339	239° 20′ 23″.0	−1′ 33″.1	+2° 0′ 20″.7
1927 Jan. 23	0.998607	240 33 55.0	−1 34.2	+1 58 25.8
März 4	0.998865	241 47 21.3	−1 35.2	+1 56 27.8
April 13	0.999113	243 0 41.8	−1 36.0	+1 54 26.5
Mai 23	0.999352	244 13 56.8	−1 36.7	+1 52 22.3
Juli 2	0.999581	245 27 6.7	−1 37.1	+1 50 15.4
Aug. 11	0.999799	246 40 11.5	−1 37.4	+1 48 5.4
Sept. 20	1.000007	247 53 11.4	−1 37.5	+1 45 52.8
Okt. 30	1.000206	249 6 6.8	−1 37.4	+1 43 37.3
1927 Dez. 9	1.000395	250 18 57.6	−1 37.2	+1 41 19.2
1928 Jan. 18	1.000574	251 31 44.3	−1 37.0	+1 38 58.5

$\Omega = 113° \ 0' \ 20''.6; \quad i = 2° \ 29' \ 28''.7; \quad m = \frac{1}{3501.6}$

0h Welt-Zeit	log r	Heliozentr. Länge	Red. auf die Bahn	Heliozentr. Breite
URANUS 1927				
1926 Dez. 14	1.302980	358° 19′ 50″.0	−4″.6	−0° 44′ 50″.4
1927 Jan. 23	1.302958	358 45 32.9	−4.7	−0 44 45.3
März 4	1.302934	359 11 16.2	−4.9	−0 44 39.8
April 13	1.302910	359 36 59.5	−5.0	−0 44 34.2
Mai 23	1.302883	0 2 43.1	−5.1	−0 44 28.5
Juli 2	1.302856	0 28 27.0	−5.2	−0 44 22.6
Aug. 11	1.302826	0 54 11.1	−5.3	−0 44 16.6
Sept. 20	1.302796	1 19 55.4	−5.4	−0 44 10.5
Okt. 30	1.302763	1 45 40.0	−5.6	−0 44 4.0
1927 Dez. 9	1.302730	2 11 24.8	−5.7	−0 43 57.5
1928 Jan. 18	1.302694	2 37 9.9	−5.8	−0 43 50.8

$\Omega = 73° \ 37'; \quad i = 0° \ 46' \ 22''; \quad m = \frac{1}{22869}$

0h Welt-Zeit	log r	Heliozentr. Länge	Red. auf die Bahn	Heliozentr. Breite
NEPTUN 1927				
1926 Dez. 14	1.478744	145° 12′ 22″.6	+23″.7	+0° 26′ 15″.3
1927 Jan. 23	1.478759	145 26 38.8	+24.0	+0 26 41.0
März 4	1.478775	145 40 55.1	+24.4	+0 27 6.7
April 13	1.478790	145 55 11.3	+24.8	+0 27 32.4
Mai 23	1.478806	146 9 27.5	+25.1	+0 27 58.1
Juli 2	1.478822	146 23 43.7	+25.5	+0 28 23.8
Aug. 11	1.478838	146 37 59.8	+25.8	+0 28 49.3
Sept. 20	1.478855	146 52 15.9	+26.2	+0 29 14.9
Okt. 30	1.478871	147 6 32.0	+26.5	+0 29 40.5
1927 Dez. 9	1.478888	147 20 48.1	+26.9	+0 30 6.1
1928 Jan. 18	1.478906	147 35 4.2	+27.2	+0 30 31.6

$\Omega = 130° \ 57'; \quad i = 1° \ 46' \ 37''; \quad m = \frac{1}{19314}$

Mittlere und Scheinbare Sternörter 1927

Reduktionsgrößen

Nr.	Name	Gr.	Spektrum	AR. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0ˢ.0001	Dekl. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
		M		h m s	s		° ′ ″	″	
905	[2 Ceti]	4.62	A 0	0 0 0.073	+3.0740	+ 12	−17 44 32.47	+20.041	− 4
1	α Androm.	2.15	A 0 p	0 4 36.601	+3.0982	+ 107	+28 41 14.77	+19.880	− 161
2	β Cassiopeiae	2.42	F 5	0 5 16.253	+3.1911	+ 676	+58 44 49.72	+19.860	− 180
3	ε Phoenicis	3.94	K 0	0 5 42.573	+3.0481	+ 99	−46 9 1.33	+19.846	− 192
4	[22 Androm.]	5.08	F 0	0 6 31.146	+3.1125	+ 8	+45 39 57.62	+20.033	− 3
5	[κ² Sculptoris]	5.56	K 0	0 7 52.153	+3.0486	+ 4	−28 12 23.54	+20.039	+ 6
6	[ϑ Sculptoris]	5.19	F 5	0 8 1.406	+3.0498	+ 104	−35 32 30.46	+20.156	+ 124
7	γ Pegasi	2.87	B 2	0 9 28.445	+3.0875	+ 1	+14 46 39.70	+20.014	− 14
8	[Br. 6]	6.23	B 9	0 12 3.743	+3.3734	+ 67	+76 32 42.80	+20.018	+ 1
9	ι Ceti	3.75	K 0	0 15 42.511	+3.0565	− 15	− 9 13 42.82	+19.965	− 32
10	ζ Tucanae	4.34	F 8	0 16 16.631	+3.1364	+2697	−65 18 14.02	+21.148	+1154
11	β Hydri	2.90	G 0	0 21 56.550	+3.1836	+6950	−77 39 55.25	+20.271	+ 318
12	α Phoenicis	2.44	K 0	0 22 40.698	+2.9678	+ 168	−42 42 9.19	+19.538	− 409
13	12 Ceti	6.04	K 5	0 26 18.800	+3.0619	+ 8	− 4 21 37.98	+19.904	− 8
14	[Ceti 49 G.]	5.23	A 3	0 26 43.752	+3.0004	− 25	−24 11 29.42	+19.918	+ 9
15	[λ¹ Phoenicis]	4.88	A 2	0 27 53.875	+2.8971	+ 123	−49 12 26.07	+19.908	+ 12
16	[κ Cassiop.]	4.24	B 0	0 28 50.161	+3.3965	+ 11	+62 31 44.84	+19.889	+ 3
17	ζ Cassiopeiae	3.72	B 3	0 32 53.615	+3.3334	+ 23	+53 29 43.30	+19.831	− 7
18	π Androm.	4.44	B 3	0 32 58.596	+3.2005	+ 17	+33 19 3.72	+19.838	0
19	[ε Androm.]	4.52	G 5	0 34 41.592	+3.1668	− 173	+28 54 56.15	+19.564	− 251
20	δ Androm.	3.49	K 2	0 35 25.149	+3.2044	+ 106	+30 27 42.48	+19.722	− 84
21	α Cassiopeiae	2.47	K 0	0 36 21.144	+3.3934	+ 60	+56 8 14.05	+19.764	− 29
22	β Ceti	2.24	K 0	0 39 55.552	+3.0119	+ 160	−18 23 13.49	+19.780	+ 39
23	[η Phoenicis]	4.53	A 0	0 40 4.802	+2.7032	+ 5	−57 51 48.67	+19.731	− 8
25	ο Cassiopeiae	4.70	B 2	0 40 38.902	+3.3358	+ 22	+47 53 6.23	+19.722	− 8
26	[λ² Sculptoris]	5.97	K 0	0 40 40.371	+2.9008	+ 178	−38 49 25.66	+19.844	+ 114
24	21 Cassiopeiae	5.59	A 2	0 40 47.638	+3.9255	− 57	+74 35 21.51	+19.705	− 23
27	ζ Androm.	4.30	K 0	0 43 27.889	+3.1768	− 75	+23 52 13.10	+19.606	− 79
28	[δ Piscium]	4.55	K 5	0 44 53.560	+3.1108	+ 52	+ 7 11 16.93	+19.615	− 46
31	[λ Hydri]	4.96	K 5	0 46 4.042	+2.0941	+ 398	−75 19 14.38	+19.614	− 27
29	[Br. 82]	5.45	F 2 + A 2	0 46 16.853	+3.6247	+ 59	+63 51 1.69	+19.633	− 5
30	[19 Ceti]	5.24	F 5	0 46 28.209	+3.0045	− 159	−11 2 13.94	+19.411	− 223
34	[λ² Tucanae]	5.34	K 0	0 52 16.773	+2.2428	− 33	−69 55 18.12	+19.480	− 45
32	γ Cassiopeiae	2.25	B 0 p	0 52 17.247	+3.6069	+ 37	+60 19 18.39	+19.521	− 4
33	μ Androm.	3.94	A 2	0 52 41.668	+3.3246	+ 129	+38 6 13.49	+19.553	+ 36
35	α Sculptoris	4.39	B 5	0 55 5.325	+2.8905	− 5	−29 45 6.70	+19.463	− 5
36	ε Piscium	4.45	K 0	0 59 9.135	+3.1122	− 55	+ 7 29 51.00	+19.411	+ 30
37	[26 Ceti]	6.07	F 0	1 0 3.528	+3.0868	+ 81	+ 0 58 33.04	+19.321	− 39
38	β Phoenicis	3.35	K 0	1 2 49.625	+2.6778	− 56	−47 6 34.52	+19.281	− 15
39	[ι Tucanae]	5.32	K 0	1 4 25.403	+2.3808	+ 100	−62 9 53.60	+19.254	− 4
40	[η Ceti]	3.60	K 0	1 4 54.994	+3.0169	+ 137	−10 34 7.94	+19.114	− 132

Nr.	Name	Gr.	Spektrum	AR. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
		M		h m s	s		° ′ ″	″	
42	β Androm.	2.37	M a	1 5 38.304	+3.3546	+ 151	+35 14 2.26	+19.116	−113
41	[44 H. Cephei]	5.68	A o	1 5 53.917	+5.1091	+ 334	+79 17 9.95	+19.231	+ 9
43	[τ Piscium]	4.70	K o	1 7 38.067	+3.3001	+ 56	+29 42 8.58	+19.137	− 41
44	[Sculpt. 102 G.]	5.91	A 5	1 9 23.601	+2.7627	+ 39	−38 14 34.89	+19.106	− 27
45	υ Piscium	4.67	A 2	1 15 26.923	+3.2933	+ 15	+26 52 50.88	+18.957	− 11
47	ϑ Ceti	3.83	K o	1 20 22.432	+2.9982	− 55	− 8 33 34.61	+18.610	−214
46	[ψ Cassiop.]	4.96	K o	1 20 45.062	+4.2135	+ 135	+67 44 58.84	+18.846	+ 32
48	δ Cassiopeiae	2.80	A 5	1 21 1.441	+3.9094	+ 398	+59 51 23.43	+18.762	− 43
49	[γ Phoenicis]	3.40	K 5	1 25 11.732	+2.6053	− 38	−43 41 31.11	+18.458	−218
50	η Piscium	3.72	G 5	1 27 34.403	+3.2076	+ 15	+14 58 11.77	+18.592	− 7
51	40 Cassiopeiae	5.50	K o	1 32 38.683	+4.7551	− 20	+72 40 7.75	+18.423	− 6
53	[Hydri 14 G.]	6.06	G 5	1 33 8.982	+0.3792	− 70	−78 52 31.09	+18.284	−128
52	υ Persei	3.77	K o	1 33 30.051	+3.6734	+ 64	+48 15 32.27	+18.286	−113
54	α Eridani	0.60	B 5	1 34 59.898	+2.2367	+ 122	−57 36 26.27	+18.309	− 38
55	43 Cassiopeiae	5.54	A o p	1 36 54.471	+4.4170	+ 88	+67 40 28.69	+18.278	− 2
56	[ν Piscium]	4.68	K o	1 37 37.806	+3.1207	− 16	+ 5 7 7.29	+18.255	+ 2
58	[Sculpt. 129 G.]	5.64	A o	1 38 49.861	+2.6431	− 57	−37 12 0.61	+18.186	− 23
57	φ Persei	4.19	B o p	1 39 4.409	+3.7503	+ 26	+50 19 17.91	+18.186	− 15
59	τ Ceti	3.65	K o	1 40 40.591	+2.7869	−1195	−16 19 17.39	+18.994	+852
60	o Piscium	4.50	K o	1 41 32.157	+3.1661	+ 47	+ 8 47 27.23	+18.159	+ 50
61	Lac. ε Sculpt.	5.39	F o	1 42 13.568	+2.8088	+ 99	−25 25 2.08	+18.009	− 75
62	ζ Ceti	3.92	K o	1 47 51.369	+2.9606	+ 22	−10 41 42.50	+17.832	− 34
64	α Trianguli	3.58	F 5	1 48 54.873	+3.4160	+ 11	+29 13 25.93	+17.590	−233
63	ε Cassiopeiae	3.44	B 3	1 49 7.361	+4.2963	+ 50	+63 18 41.24	+17.800	− 15
65	ξ Piscium	4.84	K o	1 49 46.453	+3.1046	+ 13	+ 2 49 39.62	+17.808	+ 19
66	β Arietis	2.72	A 5	1 50 36.159	+3.3107	+ 65	+20 27 6.65	+17.647	−109
67	ψ Phoenicis	4.41	M b	1 50 43.215	+2.4056	− 94	−46 39 35.82	+17.649	−101
69	[η^2 Hydri]	4.72	K o	1 53 4.946	+1.5177	+ 119	−68 0 21.85	+17.733	+ 79
68	χ Eridani	3.73	G 5	1 53 7.005	+2.3345	+ 712	−51 58 19.61	+17.922	+270
72	α Hydri	3.02	F o	1 56 28.139	+1.8898	+ 361	−61 55 29.17	+17.533	+ 21
71	υ Ceti	4.18	M a	1 56 33.919	+2.8265	+ 91	−21 25 51.35	+17.493	− 14
70	50 Cassiopeiae	4.06	A 2	1 57 9.767	+5.0841	− 91	+72 4 8.83	+17.507	+ 25
73	γ Androm.	2.28 5.08	K o A o	1 59 24.580	+3.6756	+ 43	+41 58 48.54	+17.331	− 54
74	α Arietis	2.23	K 2	2 3 3.186	+3.3784	+ 137	+23 7 4.93	+17.081	−143
75	β Trianguli	3.08	A 5	2 5 11.567	+3.5647	+ 122	+34 38 34.03	+17.087	− 40
76	55 Cassiopeiae	6.15	F 5 + A 2	2 8 43.744	+4.6842	− 10	+66 11 0.18	+16.967	+ 3
77	[6 Persei]	5.40	K o	2 8 44.309	+3.9801	+ 368	+50 43 39.26	+16.795	−169
78	Lac. μ Forn.	5.24	A o	2 9 41.632	+2.6425	+ 13	−31 3 56.70	+16.922	+ 2
79	[γ Trianguli]	4.07	A o	2 12 58.069	+3.5616	+ 37	+33 30 37.76	+16.721	− 44
80	67 Ceti	5.70	G 5	2 13 20.447	+2.9913	+ 55	− 6 45 28.44	+16.637	−110

Nr.	Name	Gr.	Spektrum	AR. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
82	[φ Eridani]	3.78	B 8	2 13 54.042	+2.1426	+ 81	−51 50 59.08	+16.684	− 36
81	[ϑ Arietis]	5.69	A 0	2 14 3.643	+3.3341	− 10	+19 33 51.18	+16.710	− 2
83	[κ Fornacis]	5.37	F 5	2 19 12.127	+2.7451	+ 142	−24 8 50.87	+16.397	− 63
84	[λ Horologii]	5.47	F 2	2 22 51.389	+1.6768	− 95	−60 38 18.10	+16.138	−137
85	ξ² Ceti	4.34	A 0	2 24 16.492	+3.1879	+ 26	+ 8 8 1.18	+16.198	− 4
86	[κ Eridani]	4.44	B 5	2 24 18.481	+2.1977	− 2	−48 1 52.10	+16.178	− 23
88	[λ¹ Fornacis]	5.88	K 0	2 30 4.279	+2.4994	− 43	−34 58 14.22	+15.867	− 32
87	36 H. Cassiop.	5.34	K 0	2 31 3.100	+5.6624	− 60	+72 30 1.77	+15.868	+ 21
90	μ Hydri	5.29	K 0	2 33 10.635	−1.3171	+ 471	−79 25 40.96	+15.699	− 33
89	ν Arietis	5.36	A 2	2 34 39.984	+3.4033	− 9	+21 38 47.93	+15.635	− 16
91	δ Ceti	4.04	B 2	2 35 44.316	+3.0737	+ 7	+ 0 0 51.86	+15.590	− 2
95	[ε Hydri]	4.26	B 9	2 38 27.623	+0.9177	+ 168	−68 34 46.24	+15.446	+ 5
92	[Br. 366]	5.84	A 2	2 38 31.090	+5.1347	+ 25	+67 30 57.15	+15.409	− 29
94	[35 Arietis]	4.58	B 3	2 39 9.747	+3.5165	+ 4	+27 23 51.02	+15.395	− 7
93	ϑ Persei	4.22	F 8	2 39 12.180	+4.0887	+ 346	+48 55 14.78	+15.311	− 89
96	[γ Ceti]	3.58	A 2	2 39 30.934	+3.1069	− 98	+ 2 55 44.36	+15.234	−148
97	π Ceti	4.39	B 5	2 40 38.843	+2.8545	− 8	−14 10 1.39	+15.310	− 9
98	μ Ceti	4.36	F 0	2 40 59.561	+3.2409	+ 189	+ 9 48 24.49	+15.268	− 31
99	[η Persei]	3.93	K 0	2 45 21.470	+4.3644	+ 28	+55 35 37.55	+15.039	− 11
100	41 Arietis	3.68	B 8	2 45 40.895	+3.5276	+ 51	+26 57 38.26	+14.918	−113
101	β Fornacis	4.50	K 0	2 46 2.086	+2.5103	+ 63	−32 42 42.50	+15.169	+159
102	τ² Eridani	4.81	K 0	2 47 43.603	+2.7207	− 39	−21 18 15.60	+14.883	− 29
103	τ Persei	4.06	G 0 + A 5	2 49 4.180	+4.2430	+ 3	+52 27 53.81	+14.832	− 2
104	η Eridani	4.05	K 0	2 52 51.592	+2.9300	+ 52	− 9 11 16.32	+14.390	−218
106	ϑ Eridani	3.42 4.42	A 2	2 55 29.475	+2.2724	− 67	−40 35 47.21	+14.478	+ 28
105	47 H. Cephei	5.66	M a	2 56 18.333	+7.9035	− 113	+79 7 57.58	+14.422	+ 22
107	α Ceti	2.82	M a	2 58 27.649	+3.1343	− 9	+ 3 48 15.32	+14.192	− 76
108	γ Persei	3.08	F 5 + A 3	2 59 29.804	+4.3343	+ 2	+53 13 18.63	+14.201	− 4
109	*ρ Persei	var.	M b	3 0 29.476	+3.8391	+ 114	+38 33 30.91	+14.040	−103
110	μ Horologii	5.16	F 0	3 1 53.352	+1.4097	− 117	−60 1 13.93	+13.989	− 68
113	[ϑ Hydri]	5.52	B 8	3 2 5.489	+0.1104	+ 51	−72 11 14.78	+14.066	+ 22
111	*β Persei	var.	B 8	3 3 24.681	+3.8976	+ 7	+40 40 32.18	+13.960	− 1
112	[ι Persei]	4.17	G 0	3 3 47.274	+4.3204	+1296	+49 20 8.53	+13.854	− 83
114	δ Arietis	4.53	K 0	3 7 27.035	+3.4278	+ 106	+19 27 6.16	+13.702	− 4
117	12 Eridani	3.95	F 8	3 8 58.116	+2.5469	+ 241	−29 16 26.70	+14.252	+644
116	[94 Ceti]	5.14	F 8	3 9 2.828	+3.0613	+ 136	− 1 28 5.51	+13.542	− 62
118	[Horol. 38 G.]	5.72	N a	3 10 41.947	+1.5158	− 5	−57 35 40.62	+13.491	− 6
115	48 H. Cephei	5.50	F 0	3 10 59.446	+7.5414	+ 183	+77 28 8.63	+13.434	− 44
119	[e Eridani]	4.30	G 5	3 17 0.772	+2.3958	+2786	−43 20 54.34	+13.815	+731
120	α Persei	1.90	F 5	3 19 6.048	+4.2747	+ 29	+49 36 9.78	+12.919	− 26

Nr. 109. Größe: Max. 3.3, Min. 4.1. Nr. 111. Größe: Max. 2.3, Min. 3.5.

Nr.	Name	Gr.	Spektrum	AR. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
121	o Tauri	3.80	G 5	3 20 52.928	+3.2269	− 44	+ 8 46 22.75	+12.749	− 76
122	2 H. Camelop.	4.42	B 9 p	3 23 8.513	+4.8437	− 1	+59 41 15.39	+12.679	+ 6
123	[ξ Tauri]	3.75	B 8	3 23 12.597	+3.2497	+ 39	+ 9 28 44.78	+12.623	− 45
124	[σ Persei]	4.55	K 0	3 25 25.125	+4.2226	+ 9	+47 44 40.67	+12.541	+ 23
125	*f* Tauri	4.28	K 0	3 26 50.374	+3.3102	+ 13	+12 41 15.07	+12.415	− 5
126	[κ Reticuli]	4.80	F 5	3 28 5.705	+1.0394	+514	−63 11 40.72	+12.695	+361
127	ε Eridani	3.81	K 0	3 29 29.411	+2.8261	−658	− 9 42 16.24	+12.251	+ 13
128	[Horol. 45 G.]	5.60	K 0	3 30 23.872	+1.7841	+ 48	−50 37 32.70	+12.255	+ 80
130	[*y* Eridani]	4.58	K 0	3 34 28.433	+2.1519	− 16	−40 30 48.08	+11.865	− 24
129	[Grb 716]	5.32	M a	3 35 48.163	+5.1895	− 21	+62 58 54.86	+11.818	+ 22
131	δ Persei	3.10	B 5	3 37 43.120	+4.2646	+ 33	+47 33 20.05	+11.625	− 35
133	[δ Fornacis]	4.93	B 5	3 39 20.636	+2.3852	− 5	−32 10 15.11	+11.551	+ 7
132	[o Persei]	3.94	B 1	3 39 44.147	+3.7586	+ 8	+32 3 29.51	+11.499	− 17
135	[δ Eridani]	3.72	K 0	3 39 44.993	+2.8734	− 64	−10 0 34.22	+12.262	+747
134	ν Persei	3.93	F 5	3 40 13.650	+4.0707	− 6	+42 20 57.52	+11.476	− 5
136	[17 Tauri]	3.81	B 5 p	3 40 32.194	+3.5600	+ 17	+23 53 6.22	+11.415	− 44
137	[24 Eridani]	5.09	B 8	3 40 47.927	+3.0463	+ 1	− 1 23 32.54	+11.431	− 8
138	5 H. Camelop.	4.67	A 0	3 42 37.296	+6.3013	+ 42	+71 6 34.26	+11.268	− 40
139	η Tauri	2.96	B 5 p	3 43 8.472	+3.5638	+ 17	+23 52 50.19	+11.223	− 48
141	β Reticuli	3.80	K 0	3 43 16.680	+0.7459	+477	−65 2 11.62	+11.322	+ 61
140	τ^6 Eridani	4.33	F 8	3 43 42.361	+2.5800	−123	−23 27 51.75	+10.711	−519
142	[27 Tauri]	3.80	B 8	3 44 49.046	+3.5647	+ 14	+23 49 53.17	+11.105	− 45
143	*g* Eridani	4.24	K 0	3 46 43.321	+2.2450	− 40	−36 25 14.05	+10.959	− 52
146	γ Hydri	3.17	M a	3 48 21.043	−0.9499	+124	−74 27 47.42	+11.001	+109
144	ζ Persei	2.91	B 1	3 49 32.315	+3.7683	+ 11	+31 40 5.39	+10.793	− 11
145	*9 H. Camelop.	5.22	K 0 + A 0	3 50 53.872	+5.1022	− 3	+60 53 48.32	+10.687	− 16
147	ε Persei	2.96	B 1	3 52 56.943	+4.0217	+ 23	+39 48 1.48	+10.522	− 29
148	ξ Persei	4.05	Oe 5	3 54 13.402	+3.8895	+ 10	+35 34 56.74	+10.448	− 8
149	γ Eridani	3.19	K 5	3 54 37.343	+2.7985	+ 42	−13 42 54.88	+10.315	−112
150	*λ Tauri	var.	B 3	3 56 37.980	+3.3222	− 5	+12 17 6.85	+10.263	− 13
151	ν Tauri	3.94	A 0	3 59 16.258	+3.1904	+ 4	+ 5 47 16.15	+10.067	− 10
153	[Erid. 174 G.]	5.57	A 5	4 2 36.852	+2.4722	+148	−27 51 2.21	+ 9.931	+108
152	*c* Persei	4.03	B 3 p	4 3 21.285	+4.3505	+ 33	+47 31 8.93	+ 9.735	− 32
154	o^1 Eridani	4.14	F 2	4 8 18.055	+2.9281	+ 8	− 7 1 36.79	+ 9.469	+ 82
155	α Horologii	3.83	K 0	4 11 34.821	+1.9858	+ 20	−42 28 25.56	+ 8.914	−219
156	α Reticuli	3.36	G 5	4 13 28.763	+0.7678	+ 50	−62 39 22.45	+ 9.032	+ 47
157	[γ Doradus]	4.36	F 5	4 14 6.633	+1.5687	+ 89	−51 40 13.15	+ 9.107	+172
160	υ^4 Eridani	3.59	B 9	4 15 7.800	+2.2687	+ 37	−33 58 32.92	+ 8.843	− 12
159	[γ Tauri]	3.86	K 0	4 15 38.183	+3.4128	+ 82	+15 27 9.16	+ 8.787	− 29
158	[54 Persei]	5.10	G 5	4 15 39.948	+3.8924	− 20	+34 23 30.95	+ 8.807	− 6

Nr. 145. Doppelstern, Gröfse der Komponenten: 5.0 und 8.2. Nr. 150. Gröfse: Max. 3.3, Min. 4.2.

Nr.	Name	Gr.	Spektrum	AR. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.0001	Dekl. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
		M		h m s	s		° ′ ″	″	
161	[Erid. 212 G.]	5.31	A 0	4 17 27.975	+2.6185	+ 36	−20 48 45.13	+8.687	+ 15
162	δ Tauri	3.93	K 0	4 18 43.335	+3.4585	+ 78	+17 22 21.23	+8.541	− 31
163	[η Reticuli]	5.18	K 0	4 21 5.715	+0.6447	+127	−63 33 34.33	+8.544	+160
166	[δ Mensae]	5.62	K 0 p	4 22 51.995	−4.1085	+ 99	−80 23 10.86	+8.315	+ 71
164	ε Tauri	3.63	K 0	4 24 21.091	+3.5020	+ 80	+19 1 11.50	+8.089	− 35
165	*[1 Camel. seq.]	5.42	B 1	4 26 14.422	+4.7458	+ 7	+53 45 14.25	+7.974	0
167	[δ Caeli]	5.16	B 3	4 28 35.851	+1.8361	− 6	−45 6 35.64	+7.767	− 17
168	α Tauri	1.06	K 5	4 31 43.768	+3.4413	+ 48	+16 21 49.84	+7.342	−189
171	α Doradus	3.47	A 0 p	4 32 25.127	+1.2963	+ 71	−55 11 42.81	+7.478	+ 3
169	ν Eridani	4.12	B 2	4 32 40.214	+2.9972	+ 2	− 3 30 2.13	+7.450	− 4
170	[υ² Eridani]	3.88	K 0	4 32 42.671	+2.3314	− 46	−30 42 38.90	+7.445	− 6
172	53 Eridani	3.98	K 0	4 34 50.155	+2.7467	− 54	−14 26 44.73	+7.114	−164
174	τ Tauri	4.33	B 5	4 37 51.676	+3.5999	+ 5	+22 49 5.67	+7.012	− 19
173	Grb 848	6.04	F 0	4 38 58.689	+8.0420	+106	+75 48 41.14	+6.806	−134
176	[μ Eridani]	4.18	B 5	4 41 51.080	+2.9996	+ 13	− 3 23 14.33	+6.692	− 12
175	4 Camelop.	5.35	A 2	4 41 54.861	+4.9911	+ 60	+56 37 46.05	+6.552	−146
177	[μ Mensae]	5.69	B 9	4 43 47.150	−0.6073	+ 17	−71 3 54.41	+6.572	+ 28
178	9 Camelop.	4.38	B 0	4 46 46.783	+5.9527	+ 5	+66 13 15.83	+6.305	+ 10
179	[π⁴ Orionis]	3.78	B 3	4 47 18.991	+3.1947	0	+ 5 28 53.10	+6.244	− 7
180	π⁵ Orionis	3.87	B 3	4 50 26.842	+3.1244	− 2	+ 2 19 20.27	+5.987	− 3
181	ι Aurigae	2.90	K 2	4 52 14.214	+3.9057	+ 10	+33 3 7.33	+5.821	− 20
183	*ε Aurigae	var.	F 5 p	4 56 43.598	+4.3028	+ 6	+43 43 0.81	+5.450	− 14
182	10 Camelop.	4.22	G 0 p	4 56 54.991	+5.3308	− 1	+60 20 15.66	+5.436	− 12
184	ι Tauri	4.70	A 5	4 58 43.836	+3.5855	+ 53	+21 29 13.59	+5.252	− 43
185	η Aurigae	3.28	B 3	5 1 23.541	+4.2054	+ 33	+41 8 14.58	+4.999	− 71
186	ε Leporis	3.29	K 5	5 2 22.221	+2.5396	+ 20	−22 28 4.99	+4.920	− 68
187	[η² Pictoris]	4.92	K 5	5 3 4.316	+1.5503	+ 35	−49 40 33.41	+4.934	+ 6
189	[ζ Doradus]	4.76	F 8	5 4 15.306	+1.0243	− 71	−57 34 19.57	+4.931	+103
188	β Eridani	2.92	A 3	5 4 15.613	+2.9493	− 59	− 5 10 46.71	+4.748	− 79
190	[λ Eridani]	4.34	B 2	5 5 39.134	+2.8710	+ 3	− 8 50 47.62	+4.705	− 4
192	μ Aurigae	4.78	A 3	5 8 25.808	+4.1039	− 13	+38 23 58.64	+4.394	− 79
191	19 H. Camelop.	5.16	F 8	5 10 29.433	+9.8525	−312	+79 9 4.65	+4.457	+161
194	β Orionis	0.34	B 8 p	5 11 1.717	+2.8828	+ 2	− 8 17 5.35	+4.250	0
193	α Aurigae	0.21	G 0	5 11 17.592	+4.4304	+ 85	+45 55 31.86	+3.800	−428
196	ϑ Doradus	4.78	K 0	5 13 48.532	−0.0506	+ 14	−67 16 2.76	+4.051	+ 39
195	[τ Orionis]	3.68	B 5	5 14 3.652	+2.9127	− 12	− 6 55 19.64	+3.984	− 7
197	[ο Columbae]	4.91	K 0	5 14 51.028	+2.1627	+ 63	−34 57 56.14	+3.595	−329
198	[Columb. 12 G.]	5.75	A 0	5 16 29.107	+2.3921	+ 8	−27 26 34.76	+3.772	− 11
199	[ζ Pictoris]	5.52	F 8	5 17 34.559	+1.4699	+ 9	−50 41 1.75	+3.916	+227
200	[η Orion. m.]	3.44	B 1	5 20 48.373	+3.0167	+ 5	− 2 27 47.04	+3.412	+ 1

Nr. 165. Doppelstern, Gröſse der Komponenten: 5.86 und 6.61. Nr. 183. Gröſse: Max. 3.4, Min. 4.1.

Nr.	Name	Gr.	Spektrum	AR. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
201	γ Orionis	1.70	B 2	5 21 12.888	+3.2176	− 3	+ 6 17 5.08	+3.356	− 20
202	β Tauri	1.78	B 8	5 21 40.551	+3.7922	+ 25	+28 32 50.35	+3.159	−177
203	17 Camelop.	5.75	K 5	5 23 16.180	+5.6625	− 3	+63 0 30.72	+3.197	− 1
204	[β Leporis]	2.96	G 0	5 25 7.051	+2.5711	+ 4	−20 49 0.08	+2.946	− 93
206	δ Orionis	2.48 6.87	B 0	5 28 16.568	+3.0647	0	− 0 21 7.01	+2.764	− 2
207	α Leporis	2.69	F 0	5 29 30.594	+2.6459	+ 2	−17 52 24.59	+2.661	+ 2
205	Grb 966	6.36	K 5	5 29 57.159	+8.0159	− 8	+74 59 55.35	+2.640	+ 20
208	[φ¹ Orionis]	4.53	B 0	5 30 48.719	+3.2932	− 1	+ 9 26 28.95	+2.536	− 10
209	ι Orionis	2.87	Oe 5	5 31 51.703	+2.9349	+ 4	− 5 57 24.14	+2.450	− 4
210	ε Orionis	1.75	B 0	5 32 30.508	+3.0440	+ 1	− 1 14 50.44	+2.396	− 3
212	β Doradus	3.81	F 5 p	5 32 59.353	+0.5182	− 13	−62 32 14.61	+2.355	− 2
211	ζ Tauri	3.00	B 3 p	5 33 16.863	+3.5855	+ 6	+21 5 57.94	+2.306	− 26
214	[γ Mensae]	5.06	K 0	5 34 45.855	−2.3865	+282	−76 23 37.90	+2.501	+298
213	[σ Orionis]	3.78	B 0	5 35 4.837	+3.0116	0	− 2 38 27.62	+2.174	− 1
215	α Columbae	2.75	B 5 p	5 37 0.268	+2.1721	− 2	−34 6 44.19	+1.970	− 37
216	ο Aurigae	5.52	A 0	5 40 14.622	+4.6475	− 6	+49 47 46.21	+1.717	− 9
217	[γ Leporis]	3.80	F 8	5 41 25.220	+2.5018	−201	−22 28 16.51	+1.248	−376
218	[130 Tauri]	5.51	F 0	5 43 10.795	+3.4986	+ 4	+17 42 11.53	+1.464	− 6
219	ζ Leporis	3.67	A 2	5 43 38.829	+2.7183	− 12	−14 50 53.00	+1.427	− 2
220	κ Orionis	2.20	B 0	5 44 17.633	+2.8455	+ 4	− 9 41 39.88	+1.370	− 3
221	[ν Aurigae]	4.18	K 0	5 46 25.757	+4.1576	− 4	+39 7 43.83	+1.198	+ 11
222	[δ Leporis]	3.90	K 0	5 48 10.898	+2.5801	+165	−20 53 3.50	+0.380	−653
223	[β Columbae]	3.22	K 0	5 48 23.097	+2.1139	+ 34	−35 47 41.49	+1.419	+404
224	α Orionis	0.92	M a	5 51 13.152	+3.2482	+ 20	+ 7 23 41.43	+0.781	+ 13
226	[η Leporis]	3.77	F 0	5 53 4.784	+2.7327	− 27	−14 10 47.68	+0.745	+140
225	δ Aurigae	3.88	K 0	5 53 30.967	+4.9405	+100	+54 16 52.13	+0.445	−122
227	β Aurigae	2.07	A 0 p	5 54 10.448	+4.4018	− 42	+44 56 30.32	+0.502	− 8
228	ϑ Aurigae	2.71	A 0 p	5 54 44.605	+4.0921	+ 49	+37 12 32.67	+0.373	− 87
229	η Columbae	4.03	K 0	5 56 54.730	+1.8369	+ 22	−42 49 7.22	+0.236	− 34
230	[66 Orionis]	5.70	K 0	6 1 6.902	+3.1695	− 6	+ 4 9 50.22	−0.112	− 15
231	[Puppis 1 G.]	6.22	F 8	6 2 22.333	+1.7267	− 83	−45 2 8.40	+0.024	+232
232	ν Orionis	4.40	B 2	6 3 24.252	+3.4264	+ 11	+14 46 42.41	−0.329	− 31
233	[36 Camelop.]	5.39	K 0	6 5 30.404	+6.0360	− 5	+65 44 7.38	−0.511	− 29
235	[δ Pictoris]	4.84	B 1	6 8 52.522	+1.1670	− 22	−54 57 7.11	−0.783	− 7
236	*η Geminor.	var.	M a	6 10 28.290	+3.6224	− 42	+22 31 46.06	−0.929	− 13
234	22 H. Camelop.	4.73	A 0	6 10 48.349	+6.6159	+ 16	+69 20 53.87	−1.047	−102
239	[α Mensae]	5.14	K 0	6 12 24.696	−1.7909	+235	−74 43 43.79	−1.311	−226
237	[2 Lyncis]	4.42	A 0	6 13 11.042	+5.2959	− 7	+59 2 22.44	−1.123	+ 29
238	[κ Columbae]	4.51	K 0	6 13 57.274	+2.1343	− 6	−35 6 55.62	−1.146	+ 74
240	ζ Canis maj.	3.10	B 3	6 17 30.603	+2.3028	+ 2	−30 1 47.83	−1.526	+ 4

Nr. 236. Gröſse: Max. 3.3, Min. 4.2.

Nr.	Name	Gr.	Spektrum	AR. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.001	Dekl. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ′ ″	″	
241	μ Geminor.	3.19	M a	6 18 32.694	+ 3.6307	+ 48	+22 33 9.25	−1.731	− 111
242	ψ^1 Aurigae	5.10	K 2	6 19 16.684	+ 4.6233	+ 9	+49 19 37.41	−1.687	− 3
243	β Canis maj.	1.99	B 1	6 19 29.072	+ 2.6419	− 4	−17 55 6.85	−1.700	+ 2
244	8 Monocer.	4.48 6.54	A 5	6 19 54.010	+ 3.1800	− 7	+ 4 37 52.20	−1.734	+ 4
245	α Argus	−0.86	F 0	6 22 19.808	+ 1.3314	+ 16	−52 39 19.00	−1.938	+ 11
246	10 Monocer.	4.98	B 3	6 24 21.290	+ 2.9630	− 2	− 4 42 56.92	−2.121	+ 5
247	8 Lyncis	6.05	G 0	6 31 1.397	+ 5.4879	−284	+61 32 51.08	−2.982	− 277
249	ξ^2 Canis maj.	4.54	A 0	6 31 59.784	+ 2.5142	+ 5	−22 54 21.45	−2.776	+ 13
251	γ Geminor.	1.93	A 0	6 33 29.731	+ 3.4670	+ 34	+16 27 46.68	−2.965	− 46
250	51 Aurigae	5.71	K 0	6 33 36.128	+ 4.1591	− 18	+39 27 24.56	−3.043	− 114
248	23 H. Camelop.	5.60	F 8	6 33 48.390	+10.2795	−290	+79 38 51.06	−3.568	− 622
252	ν Argus	3.18	B 8	6 35 31.628	+ 1.8356	− 4	−43 7 52.81	−3.115	− 20
253	*S Monocer.	4.68	Oe 5	6 36 57.515	+ 3.3052	+ 6	+ 9 57 52.52	−3.224	− 5
254	ε Geminor.	3.18	G 5	6 39 26.541	+ 3.6929	+ 3	+25 12 17.63	−3.447	− 15
256	ξ Geminor.	3.40	F 5	6 41 11.584	+ 3.3683	− 75	+12 58 32.14	−3.783	− 199
255	[ψ^5 Aurigae]	5.34	G 0	6 41 28.826	+ 4.3275	+ 7	+43 39 6.13	−3.454	+ 154
257	*α Canis maj.	−1.58	A 0	6 41 55.973	+ 2.6437	−370	−16 36 53.78	−4.859	−1212
258	18 Monocer.	4.70	K 0	6 44 3.326	+ 3.1297	− 2	+ 2 29 35.55	−3.849	− 20
259	[43 Camelop.]	5.13	B 5	6 45 50.627	+ 6.4819	+ 16	+68 58 32.43	−3.980	+ 3
264	[ζ Mensae]	5.64	A 2	6 46 9.045	− 4.9596	− 35	−80 44 17.54	−3.924	+ 85
262	α Pictoris	3.30	A 5	6 47 26.616	+ 0.6174	−100	−61 51 45.81	−3.864	+ 256
261	ϑ Geminor.	3.64	A 2	6 47 58.794	+ 3.9569	+ 7	+34 3 2.82	−4.221	− 55
263	[τ Argus]	2.83	K 0	6 48 7.466	+ 1.4887	+ 29	−50 31 38.23	−4.274	− 96
260	[24 H. Camel.]	4.75	K 5	6 49 26.740	+ 8.7819	+216	+77 4 25.79	−4.305	− 13
266	ϑ Canis maj.	4.25	K 2	6 50 47.901	+ 2.7877	− 94	−11 56 45.88	−4.420	− 13
265	15 Lyncis	4.54	G 0	6 50 57.675	+ 5.2015	0	+58 31 13.89	−4.550	− 130
267	[ι Volantis]	5.52	B 8	6 52 17.425	− 0.6808	− 4	−70 52 21.94	−4.522	+ 12
268	ε Canis maj.	1.63	B 1	6 55 45.366	+ 2.3577	0	−28 52 18.44	−4.827	+ 1
269	*ζ Geminor.	var.	G 0 p	6 59 46.852	+ 3.5601	0	+20 40 43.72	−5.172	− 3
270	[o^2 Canis maj.]	3.12	B 5 p	6 59 58.567	+ 2.5053	− 2	−23 43 32.38	−5.186	0
271	γ Canis maj.	4.07	B 5	7 0 27.381	+ 2.7152	+ 8	−15 31 27.78	−5.239	− 12
272	[Carinae 27 G.]	5.30	A 0	7 2 56.602	+ 1.1169	− 24	−56 38 18.41	−5.443	− 7
273	δ Canis maj.	1.98	F 8 p	7 5 25.345	+ 2.4390	− 8	−26 16 34.84	−5.641	+ 3
274	63 Aurigae	5.07	K 2	7 6 38.262	+ 4.1304	+ 45	+39 26 28.52	−5.746	0
275	[J Puppis]	4.47	F 0	7 10 28.680	+ 1.7096	−147	−46 38 12.42	−5.977	+ 91
276	[64 Aurigae]	5.75	A 3	7 12 57.914	+ 4.1763	− 3	+41 0 52.20	−6.271	+ 3
277	λ Geminor.	3.65	A 2	7 13 53.952	+ 3.4493	− 31	+16 40 24.07	−6.396	− 44
278	π Argus	2.74	K 5	7 14 33.824	+ 2.1185	− 14	−36 57 56.12	−6.404	+ 3
279	δ Geminor.	3.51	F 0	7 15 45.929	+ 3.5855	− 11	+22 7 5.55	−6.517	− 10
281	δ Volantis	4.02	F 5	7 16 52.421	− 0.0224	+ 4	−67 49 25.41	−6.610	− 12

Nr. 253. Doppelstern, Gröfse der Komponenten: 6.0 und 8.8. Nr. 257. Ort des Schwerpunktes. Die Reduktion auf den Hauptstern ist nach den Elementen von Auwers A. N. 3085

1927.0: $\Delta\alpha = -0^s.195$ $\Delta\delta = -2''.10$

1928.0: $= -0.186$ $= -2.16$

Nr. 269. Gröfse: Max. 3.7, Min. 4.3

Nr.	Name	Gr.	Spektrum	AR. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ′ ″	″	
280	19 Lyncis seq.	5.61	B 8	7 16 55.096	+4.9032	— 1	+55 25 14.89	— 6.636	— 34
282	ι Geminor.	3.89	K o	7 21 11.742	+3.7293	— 83	+27 56 40.69	— 7.039	— 85
283	[η Can. maj.]	2.43	B 5 p	7 21 12.440	+2.3731	— 5	—29 9 34.70	— 6.942	+ 13
285	β Canis min.	3.09	B 8	7 23 11.594	+3.2550	— 31	+ 8 26 15.63	— 7.158	— 40
284	Grb 1308	5.80	K o	7 23 18.031	+6.2620	— 7	+68 37 1.61	— 7.170	— 44
286	ρ Geminor.	4.18	F o	7 24 25.144	+3.8619	+122	+31 55 52.49	— 7.035	+ 183
287	*α Geminor.	2.85 1.99	A o	7 29 56.619	+3.8330	—129	+32 3 1.84	— 7.747	— 81
288	[Pupp. 108 G.]	4.52	F 8	7 30 55.657	+2.5675	— 39	—22 8 15.82	— 7.728	+ 18
289	25 Monocer.	5.17	F 5	7 33 38.957	+2.9835	— 47	— 3 56 48.63	— 7.945	+ 20
290	[f Puppis]	4.62	B 8	7 34 39.991	+2.2194	— 27	—34 48 12.38	— 8.030	+ 16
291	*α Can. min.	0.48	F 5	7 35 28.900	+3.1417	—470	+ 5 24 47.93	— 9.139	—1028
292	24 Lyncis	4.96	A 2	7 36 50.440	+5.0872	— 47	+58 52 58.96	— 8.273	— 53
293	[26 Monocer.]	4.07	K o	7 37 45.556	+2.8662	— 57	— 9 22 47.18	— 8.315	— 21
294	κ Geminor.	3.68	G 5	7 40 2.614	+3.6251	— 15	+24 34 27.91	— 8.529	— 54
295	β Geminor.	1.21	K o	7 40 51.121	+3.6744	—468	+28 12 13.98	— 8.591	— 53
297	ζ Volantis	3.89	K o	7 42 43.557	—0.7300	+ 8	—72 25 51.78	— 8.679	+ 8
296	π Geminor.	5.29	K 2	7 42 48.237	+3.8727	— 1	+33 35 46.62	— 8.723	— 31
298	[Pupp. 205 G.]	5.34	G o	7 48 23.508	+2.7786	— 41	—13 42 11.97	— 9.473	— 343
299	[26 Lyncis]	5.69	K o	7 49 24.211	+4.3757	— 40	+47 45 19.38	— 9.216	— 6
301	[α Puppis]	3.76	G 5	7 49 42.416	+2.0620	— 18	—40 23 12.23	— 9.232	+ 1
300	Grb 1374	5.56	K o	7 51 29.501	+7.2210	— 30	+74 6 56.01	— 9.403	— 32
303	χ Argus	3.60	B 3	7 54 55.423	+1.5267	— 32	—52 47 8.97	— 9.612	+ 24
302	[53 Camelop.]	6.00	A 2 p	7 55 29.207	+5.1403	— 30	+60 31 32.91	— 9.700	— 21
304	[27 Monocer.]	5.06	K o	7 56 5.436	+2.9991	— 27	— 3 28 45.65	— 9.716	+ 9
305	χ Geminor.	5.04	K o	7 59 2.304	+3.6882	— 15	+28 0 1.12	— 9.995	— 46
306	ζ Argus	2.27	O d	8 1 1.043	+2.1078	— 34	—39 47 48.28	—10.089	+ 10
307	27 Lyncis	4.87	A 2	8 2 58.509	+4.5221	— 59	+51 43 7.30	—10.251	— 4
308	ι Navis	2.88	F 5	8 4 26.080	+2.5548	— 64	—24 5 34.67	—10.310	+ 47
309	γ Argus	2.22	O a p	8 7 16.934	+1.8488	— 12	—47 7 15.01	—10.573	— 4
311	20 Navis	5.05	G 5	8 9 58.671	+2.7580	— 8	—15 34 2.42	—10.774	— 6
310	Br. 1147	5.73	G 5	8 10 24.979	+7.5877	+ 58	+75 58 56.52	—10.784	+ 17
312	β Cancri	3.76	K 2	8 12 33.493	+3.2553	— 30	+ 9 24 41.89	—11.010	— 52
313	[η Puppis]	4.43	A 5	8 15 49.264	+2.2443	—104	—36 25 56.38	—11.107	+ 89
314	31 Lyncis	4.43	K 5	8 17 50.705	+4.1148	— 8	+43 25 24.97	—11.450	— 108
315	ε Argus	1.74	K o + B	8 21 1.092	+1.2338	— 32	—59 16 26.59	—11.555	+ 15
316	Br. 1197	3.95	A o	8 22 0.839	+2.9990	— 41	— 3 40 2.02	—11.662	— 21
318	ϑ Chamael.	4.26	K o	8 22 51.491	—1.7677	—458	—77 14 58.51	—11.671	+ 30
317	ο Ursae maj.	3.47	G o	8 24 12.899	+5.0015	—174	+60 57 49.90	—11.908	— 111
319	[β Volantis]	3.65	K o	8 24 56.886	+0.6587	— 54	—65 53 35.35	—12.026	— 177
320	Grb 1450	6.05	K o	8 28 10.604	+3.9059	— 83	+38 16 4.99	—12.245	— 170

Nr. 287. Rektaszension der Mitte, Deklination des folgenden helleren Sterns. Nr. 291. Ort des Schwerpunktes. Die Reduktion auf den Ort des hellen Sterns beträgt nach den Elementen von Auwers A. N. 3929.

$$1927.0:\ \Delta\alpha = +0^s.031 \quad \Delta\delta = +0''.52$$
$$1928.0:\ \quad = +0\ .041 \quad\quad = +0\ .45$$

Nr.	Name	Gr.	Spektrum	AR. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
		M		h m s	s		° ′ ″	″	
321	η Cancri	5.52	K 0	8 28 29.440	+3.4727	— 26	+20 41 24.97	—12.147	— 50
322	[Grb 1446]	6.29	K 0	8 31 37.951	+6.7189	— 36	+73 53 13.22	—12.420	—104
323	[Grb 1460]	6.03	K 0	8 33 53.691	+4.4558	— 38	+52 58 7.63	—12.506	— 35
324	[*e* Velorum]	4.13	A 5	8 35 4.541	+2.1081	— 22	—42 43 59.22	—12.559	— 7
325	[6 Hydrae]	5.15	K 2	8 36 33.938	+2.8420	— 64	—12 12 59.01	—12.656	— 3
326	δ Cancri	4.17	K 0	8 40 32.379	+3.4123	— 9	+18 25 25.10	—13.156	—236
327	α Pyxidis	3.70	B 2	8 40 39.486	+2.4102	— 15	—32 55 20.69	—12.917	+ 12
328	ι Cancri	6.61 4.20	A 5 G 5	8 42 17.061	+3.6350	— 12	+29 1 40.97	—13.084	— 47
330	δ Argus	2.01	A 0	8 42 41.288	+1.6572	+ 22	—54 26 26.21	—13.157	— 93
329	[ε Hydrae]	3.48	F 8	8 42 54.727	+3.1790	— 126	+ 6 41 15.59	—13.129	— 50
331	[η Chamael.]	5.62	B 9	8 43 50.599	—1.9918	— 151	—78 41 55.86	—13.106	+ 34
332	[γ Pyxidis]	4.19	K 2	8 47 26.004	+2.5461	— 99	—27 26 17.56	—13.282	+ 94
333	[σ²Cancri med.]	5.60	K 0	8 49 47.731	+3.6650	+ 31	+30 51 24.91	—13.555	— 26
334	ζ Hydrae	3.30	K 0	8 51 32.206	+3.1732	— 64	+ 6 13 27.63	—13.629	+ 12
336	*c* Carinae	3.98	B 8	8 53 23.698	+1.3621	— 26	—60 21 54.20	—13.708	+ 52
335	ι Ursae maj.	3.12	A 5	8 54 13.144	+4.1172	— 437	+48 19 45.76	—14.058	—247
337	α Cancri	4.27	A 3	8 54 29.833	+3.2836	+ 26	+12 8 28.63	—13.865	— 35
339	10 Ursae maj.	4.09	F 5	8 55 54.548	+3.9026	— 383	+42 4 22.22	—14.182	—264
338	[ρ Ursae maj.]	4.99	M a	8 55 59.313	+5.4387	— 34	+67 54 56.41	—13.909	+ 15
341	κ Ursae maj.	3.68	A 0	8 58 39.051	+4.1054	— 27	+47 26 46.91	—14.155	— 65
340	[Grb 1501]	5.68	A 2	8 58 40.203	+4.4080	— 8	+54 34 22.39	—14.089	+ 3
343	α Volantis	4.18	A 5	9 1 17.905	+0.9514	— 8	—66 6 16.31	—14.367	—114
342	[*c* Velorum]	3.69	K 0	9 1 38.055	+2.0666	— 70	—46 48 23.82	—14.302	— 28
344	σ² Ursae maj.	4.87	F 8	9 3 59.675	+5.3049	— 16	+67 25 56.99	—14.486	— 67
345	λ Argus	2.22	K 5	9 5 18.526	+2.2049	— 33	—43 8 13.85	—14.489	+ 9
346	[36 Lyncis]	5.30	B 8	9 9 2.249	+3.9323	— 18	+43 31 11.00	—14.764	— 42
347	ϑ Hydrae	3.84	A 0	9 10 34.076	+3.1230	+ 89	+ 2 37 23.19	—15.125	—313
348	β Argus	1.80	A 0	9 12 24.364	+0.6662	— 303	—69 24 58.80	—14.823	+ 97
349	[38 Lyncis]	3.82	A 2	9 14 18.503	+3.7400	— 18	+37 6 45.05	—15.160	—129
350	*83 Cancri	6.60	F 5	9 14 54.621	+3.3515	— 80	+18 0 56.57	—15.200	—135
351	[ι Argus]	2.25	F 0	9 15 8.128	+1.6058	— 35	—58 58 6.54	—15.077	+ 2
352	40 Lyncis	3.30	K 5	9 16 36.816	+3.6603	— 178	+34 42 7.91	—15.151	+ 12
353	κ Argus	2.63	B 3	9 19 51.090	+1.8567	— 22	—54 41 54.22	—15.345	+ 2
354	α Hydrae	2.16	K 2	9 24 0.048	+2.9488	— 7	— 8 20 29.00	—15.546	+ 32
355	*h* Ursae maj.	3.75	F 0	9 25 47.660	+4.7514	+ 168	+63 22 56.18	—15.648	+ 28
356	[ε Antliae]	4.64	K 2	9 26 13.842	+2.4749	— 25	—35 37 53.44	—15.714	— 14
359	ψ Argus	3.64	F 5	9 27 49.370	+2.3611	— 172	—40 8 47.12	—15.712	+ 74
358	ϑ Ursae maj.	3.26	F 8 p	9 27 59.168	+4.0237	—1027	+52 0 39.61	—16.340	—546
357	*d* Ursae maj.	4.57	G 0	9 28 3.579	+5.3393	— 120	+70 9 9.23	—15.724	+ 75
361	[*N* Velorum]	3.04	K 5	9 29 0.226	+1.8232	— 36	—56 42 42.31	—15.848	+ 1

Nr. 350. Gröfse aus Harvard 54 entnommen.

Nr.	Name	Gr.	Spektrum	AR. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.001	Dekl. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
360	10 Leon. min.	4.62	G 5	9 29 45.479	+3.6818	+ 13	+36 43 21.39	−15.915	− 26
362	[H. Carinae]	5.52	K 2	9 31 4.133	+0.4617	− 61	−72 45 25.46	−15.976	− 17
363	[Grb 1564]	5.74	K 0	9 36 1.710	+5.1681	−131	+69 34 15.52	−16.291	− 74
364	[κ Hydrae]	4.96	B 3	9 36 48.394	+2.8762	− 18	−14 0 0.95	−16.269	− 11
365	[ο Leonis]	3.76	F 5 + A 3	9 37 15.415	+3.2040	− 94	+10 13 30.83	−16.318	− 37
366	ϑ Antliae	4.98	F 5 p	9 40 56.783	+2.6733	− 40	−27 26 4.53	−16.432	+ 35
367	ε Leonis	3.12	G 0 p	9 41 42.702	+3.4091	− 31	+24 6 40.13	−16.522	− 17
369	υ Argus-	3.15 6.03	F 0	9 45 16.680	+1.5006	− 21	−64 43 58.79	−16.681	− 1
368	υ Ursae maj.	3.89	F 0	9 45 48.904	+4.2828	−379	+59 22 59.14	−16.860	−154
370	6 Sextantis	6.00	A 2	9 47 33.363	+3.0238	+ 8	− 3 54 2.03	−16.820	− 30
371	[μ Leonis]	4.10	K 0	9 48 36.966	+3.4157	−162	+26 21 5.64	−16.896	− 56
373	[Hydrae 183 G.]	5.16	M a	9 51 25.626	+2.8302	− 25	−18 39 47.46	−17.038	− 66
372	Grb 1586	5.96	K 0	9 51 53.785	+5.4062	−179	+73 13 39.81	−17.039	− 45
374	[19 Leon. min.]	5.19	F 5	9 53 13.272	+3.6819	−100	+41 24 14.59	−17.082	− 27
375	[φ Argus]	3.70	B 5	9 54 17.841	+2.1040	− 21	−54 13 11.41	−17.107	− 2
377	[η Antliae]	5.25	F 0	9 55 44.205	+2.5719	− 83	−35 32 27.64	−17.194	− 24
376	[12 Sextantis]	6.63	A 5	9 55 55.963	+3.1130	− 47	+ 3 44 4.21	−17.151	+ 27
378	π Leonis	4.89	M a	9 56 21.465	+3.1720	− 21	+ 8 23 42.51	−17.223	− 25
379	η Leonis	3.58	A 0 p	10 3 21.334	+3.2732	− 2	+17 7 9.38	−17.510	− 6
380	α Leonis	1.34	B 8	10 4 29.201	+3.1972	−167	+12 19 28.46	−17.553	− 1
381	λ Hydrae	3.83	K 0	10 7 1.761	+2.9251	−134	−11 59 33.47	−17.745	− 87
382	q Velorum	4.09	A 2	10 11 40.045	+2.5142	−154	−41 45 35.00	−17.802	+ 45
385	[ω Argus]	3.56	B 8	10 12 0.426	+1.4322	− 29	−69 40 30.41	−17.861	0
384	ζ Leonis	3.65	F 0	10 12 38.048	+3.3403	+ 15	+23 46 54.33	−17.892	− 7
383	λ Ursae maj.	3.52	A 2	10 12 42.134	+3.6259	−148	+43 16 46.22	−17.937	− 49
386	μ Ursae maj.	3.21	K 5	10 17 59.270	+3.5815	− 70	+41 52 1.91	−18.067	+ 24
387	30 H. Urs. maj.	4.92	A 0	10 18 53.330	+4.3481	− 25	+65 56 10.91	−18.144	− 18
388	[25 Sextantis]	6.10	B 9	10 19 45.105	+3.0322	− 40	− 3 42 16.73	−18.160	− 2
389	μ Hydrae	4.06	K 5	10 22 33.563	+2.9015	− 85	−16 27 47.35	−18.342	− 82
391	J Carinae	4.08	F 5	10 22 56.937	+1.1932	− 67	−73 39 34.81	−18.291	− 17
390	31 Leon. min.	4.41	K 0	10 23 40.121	+3.4754	− 96	+37 4 54.74	−18.406	−106
392	Lac. α Antliae	4.42	K 5	10 23 48.548	+2.7433	− 62	−30 41 44.25	−18.295	+ 10
393	s Carinae	4.08	F 0	10 25 11.686	+2.1977	− 32	−58 21 58.81	−18.368	− 14
394	36 Ursae maj.	4.84	F 5	10 25 58.078	+3.8521	−216	+56 21 19.91	−18.414	− 33
395	9 H. Dracon.	5.04	G 5	10 28 56.292	+5.1512	− 96	+76 5 23.45	−18.487	− 4
396	[ρ Leonis]	3.85	B 0 p	10 28 58.150	+3.1605	− 6	+ 9 40 57.93	−18.489	− 5
397	[p Carinae]	3.58	B 5 p	10 29 25.555	+2.1310	− 18	−61 18 33.89	−18.494	+ 5
398	[37 Ursae maj.]	5.16	F 0	10 30 28.398	+3.8786	+ 83	+57 27 33.18	−18.499	+ 36
399	[44 Hydrae]	5.32	K 2	10 30 32.486	+2.8529	− 2	−23 22 6.73	−18.516	+ 21
400	*[p Velorum]	4.06	F 2 + A 3	10 34 13.652	+2.5149	−183	−47 50 46.34	−18.691	− 34

Nr. 400 Doppelstern, Gröſse der Komponenten 4.5 und 5.0.

Nr.	Name	Gr.	Spektrum	AR. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0ˢ.0001	Dekl. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
		M		h m s	s		° ′ ″	″	
401	[γ Chamael.]	4.10	M a	10 34 37.248	+0.7272	−116	−78 13 43.81	−18.640	+ 30
402	[*x* Velorum]	4.37	G 0	10 36 23.580	+2.3788	− 75	−55 13 22.49	−18.746	− 21
404	33 Sextantis	6.40	K 0	10 37 41.400	+3.0523	− 94	− 1 21 26.68	−18.891	−125
403	[35 H.Urs. maj.]	5.23	K 0	10 37 51.949	+4.3219	− 19	+69 27 30.91	−18.789	− 18
405	[41 Leon. min.]	5.05	A 2	10 39 27.046	+3.2655	− 80	+23 34 16.05	−18.807	+ 13
406	ϑ Argus	3.03	B 0	10 40 20.918	+2.1366	− 26	−64 0 41.89	−18.842	+ 4
407	42 Leon. min.	5.37	B 9	10 41 48.659	+3.3407	− 15	+31 4 2.24	−18.927	− 37
408	μ Argus	2.84	G 5	10 43 37.431	+2.5743	+ 49	−49 2 3.20	−19.007	− 65
411	[δ² Chamael.]	4.62	B 3	10 45 7.255	+0.5895	−120	−80 9 17.93	−18.975	+ 9
409	*l* Leonis	5.27	A 0	10 45 25.320	+3.1551	− 3	+10 55 54.67	−19.023	− 30
410	[ν Hydrae]	3.32	K 0	10 46 1.314	+2.9594	+ 66	−15 48 40.70	−18.815	+194
412	[46 Leon. min.]	3.92	K 0	10 49 14.102	+3.3606	+ 76	+34 36 31.84	−19.379	−282
414	[ι Antliae]	4.70	K 0	10 53 18.741	+2.7928	+ 62	−36 44 42.22	−19.339	−137
413	[Br. 1508]	6.26	G 5	10 54 9.918	+4.8533	−258	+78 9 42.43	−19.250	− 26
415	*i* Velorum	4.56	A 2	10 56 48.065	+2.7491	+ 20	−41 50 2.67	−19.291	− 4
416	β Ursae maj.	2.44	A 0	10 57 26.925	+3.6328	+101	+56 46 26.56	−19.276	+ 26
417	α Ursae maj.	1.95	K 0	10 59 14.285	+3.7180	−174	+62 8 43.49	−19.416	− 72
418	χ Leonis	4.66	F 0	11 1 15.170	+3.0958	−231	+ 7 43 51.65	−19.435	− 46
419	[χ Hydrae]	5.06	F 5	11 1 48.676	+2.8872	−154	−26 53 57.52	−19.409	− 7
420	ψ Ursae maj.	3.15	K 0	11 5 34.023	+3.3804	− 57	+44 53 41.44	−19.518	− 36
421	β Crateris	4.52	A 2	11 8 3.919	+2.9489	0	−22 25 37.03	−19.630	− 98
422	δ Leonis	2.58	A 3	11 10 13.744	+3.1935	+106	+20 55 26.07	−19.710	−136
423	ϑ Leonis	3.41	A 0	11 10 24.688	+3.1499	− 43	+15 49 43.83	−19.659	− 81
424	[Grb 1757]	5.97	K 0	11 12 35.504	+3.3888	− 97	+49 52 29.40	−19.640	− 22
425	ν Ursae maj.	3.71	K 0	11 14 32.458	+3.2455	− 16	+33 29 34.19	−19.630	+ 22
426	δ Crateris	3.82	K 0	11 15 41.355	+2.9982	− 88	−14 22 59.86	−19.471	+200
427	σ Leonis	4.13	A 0	11 17 22.394	+3.0944	− 62	+ 6 25 46.76	−19.711	− 12
428	π Centauri	4.26	B 5	11 17 40.282	+2.7298	− 41	−54 5 26.79	−19.717	− 13
429	Grb 1771	5.98	A 0	11 18 31.997	+3.5812	− 10	+64 43 48.99	−19.683	+ 34
430	[ι Leonis]	4.03	F 5	11 20 7.195	+3.1282	+106	+10 55 53.26	−19.826	− 84
431	[γ Crateris]	4.14	A 5	11 21 13.973	+2.9957	− 72	−17 16 58.00	−19.752	+ 7
432	[58 Ursae maj.]	5.88	F 8	11 26 34.524	+3.2533	− 43	+43 34 26.61	−19.760	+ 72
433	λ Draconis	4.06	M a	11 27 5.455	+3.5828	− 80	+69 44 2.88	−19.860	− 21
434	ξ Hydrae	3.72	G 5	11 29 24.439	+2.9473	−167	−31 27 12.80	−19.909	− 43
435	[*C*² Centauri]	5.42	F 0	11 32 22.838	+2.9004	+ 13	−47 14 11.87	−19.946	− 47
436	λ Centauri	3.34	B 9	11 32 24.286	+2.7572	− 58	−62 36 56.89	−19.916	− 17
437	υ Leonis	4.47	K 0	11 33 12.658	+3.0718	+ 1	− 0 25 14.29	−19.872	+ 36
438	[π Chamael.]	5.74	F 0	11 34 14.471	+2.4657	−279	−75 29 32.22	−19.923	− 5
439	[ο Hydrae]	4.88	B 8	11 36 35.006	+2.9767	− 30	−34 20 23.79	−19.939	+ 1
440	3 Draconis	5.48	K 0	11 38 25.022	+3.3633	− 78	+67 8 56.75	−19.916	+ 40

Nr.	Name	Gr.	Spektrum	AR. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
442	[λ Muscae]	3.80	A 5	11 42 9.058	+2.8205	−153	−66 19 26.55	−19.964	+ 20
441	χ Ursae maj.	3.85	K 0	11 42 12.180	+3.1754	−133	+48 11 3.07	−19.965	+ 20
443	[Centauri 65 G.]	4.22	G 0	11 42 58.422	+2.8931	− 25	−60 46 21.27	−20.024	− 35
444	β Leonis	2.23	A 2	11 45 20.263	+3.0616	−341	+14 58 48.70	−20.121	−118
445	β Virginis	3.80	F 8	11 46 53.562	+3.1252	+494	+ 2 10 34.01	−20.288	−276
446	[*B* Centauri]	4.71	K 0	11 47 29.195	+2.9894	−111	−44 46 3.09	−20.061	− 46
447	γ Ursae maj.	2.54	A 0	11 49 59.964	+3.1641	+107	+54 6 2.11	−20.023	+ 2
448	[ε Chamael.]	5.05	B 9	11 55 58.484	+2.9480	−162	−77 48 55.15	−20.050	− 9
449	[Centauri 88 G.]	5.28	F 0	11 59 52.237	+3.0989	+267	−42 1 31.22	−20.167	−122
450	ο Virginis	4.24	G 5	12 1 29.474	+3.0567	−147	+ 9 8 17.92	−20.006	+ 38
451	[Grb 1852]	5.96	K 0	12 1 33.860	+3.0760	+437	+77 18 50.09	−20.140	− 96
452	δ Centauri	2.88	B 3 p	12 4 34.002	+3.1006	− 44	−50 18 57.16	−20.059	− 18
453	ε Corvi	3.21	K 0	12 6 22.016	+3.0829	− 51	−22 12 49.68	−20.026	+ 11
454	4 H. Draconis	5.12	A 5	12 8 48.000	+2.8333	+ 23	+78 1 18.64	−20.007	+ 23
455	[δ Crucis]	3.08	B 3	12 11 15.482	+3.1742	− 51	−58 20 34.96	−20.047	− 27
456	δ Ursae maj.	3.44	A 2	12 11 49.317	+2.9785	+136	+57 26 17.06	−20.015	+ 3
457	[γ Corvi]	2.78	B 8	12 12 2.944	+3.0833	−112	−17 8 12.19	−20.000	+ 17
458	[2 Can. ven.]	5.80	K 5	12 12 28.400	+3.0121	+ 26	+41 3 58.78	−20.060	− 45
459	β Chamael.	4.38	B 5	12 14 1.668	+3.4754	−143	−78 54 25.07	−19.995	+ 12
460	η Virginis	4.00	A 0	12 16 10.226	+3.0691	− 42	− 0 15 40.50	−20.018	− 23
461	[6 Can. ven.]	5.22	K 0	12 22 15.409	+2.9596	− 67	+39 25 24.50	−19.986	− 36
462	α Crucis md.	1.58 2.09	B 1	12 22 31.751	+3.3225	− 44	−62 41 42.34	−19.979	− 31
463	[Hydr. 323 G.]	5.68	A 0	12 23 0.523	+3.1565	− 14	−32 25 32.63	−19.993	− 49
464	[σ Centauri]	4.16	B 3	12 24 5.000	+3.2353	− 36	−49 49 35.66	−19.967	− 33
466	20 Comae	5.72	A 2	12 26 3.341	+3.0163	+ 26	+21 18 0.44	−19.954	− 39
465	δ Corvi	3.11	A 0	12 26 5.061	+3.1022	−145	−16 6 33.11	−20.057	−142
467	[74 Ursae maj.]	5.44	A 5	12 26 33.148	+2.8081	− 96	+58 48 25.93	−19.822	+ 88
468	[γ Crucis]	1.61	M b	12 27 6.293	+3.3155	+ 26	−56 42 16.93	−20.182	−278
469	[γ Muscae]	4.04	B 5	12 28 5.165	+3.5595	− 82	−71 43 48.16	−19.916	− 22
470	8 Can. ven.	4.32	G 0	12 30 16.826	+2.8532	−625	+41 45 13.85	−19.590	+280
472	κ Draconis	3.88	B 5 p	12 30 22.610	+2.5709	−117	+70 11 25.49	−19.861	+ 7
471	β Corvi	2.84	G 5	12 30 32.885	+3.1477	− 4	−22 59 35.76	−19.926	− 59
473	24 Comae seq.	5.18	K 0	12 31 28.179	+3.0108	+ 2	+18 46 43.35	−19.837	+ 18
474	α Muscae	2.94	B 3	12 32 48.746	+3.5572	− 56	−68 44 1.22	−19.871	− 32
475	[χ Virginis]	4.78	K 0	12 35 28.612	+3.0954	− 49	− 7 35 38.96	−19.842	− 37
476	γ Centauri	2.38	A 0	12 37 28.854	+3.2988	−205	−48 33 32.90	−19.797	− 20
477	[γ Virgin. m.]	3.65 3.68	F 0 F 0	12 37 57.609	+3.0393	−375	− 1 2 57.58	−19.765	+ 5
478	76 Ursae maj.	5.92	A 0	12 38 23.006	+2.6290	− 45	+63 6 49.08	−19.781	− 17
479	[Hydr. 330 G.]	5.73	K 2	12 40 6.784	+3.1936	− 26	−27 55 25.28	−19.788	− 50
480	[β Muscae]	3.26	B 3	12 41 47.106	+3.6586	− 53	−67 42 31.81	−19.744	− 31

Nr.	Name	Gr.	Spektrum	AR. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0ˢ.0001	Dekl. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
		M		h m s	s		° ′ ″	″	
481	β Crucis	1.50	B 1	12 43 26.529	+3.4908	− 59	−59 17 24.00	−19.712	− 27
482	*n* Centauri	4.34	A 5	12 49 23.133	+3.3153	+ 45	−39 46 56.37	−19.618	− 37
483	ε Ursae maj.	1.68	A 0 p	12 50 49.393	+2.6449	+137	+56 21 20.73	−19.565	− 11
484	δ Virginis	3.66	M a	12 51 55.527	+3.0214	−315	+ 3 47 37.48	−19.595	− 63
486	8 Draconis	5.27	F 0	12 52 34.511	+2.3941	− 15	+65 50 3.16	−19.553	− 34
485	12 Can. ven. sq.	2.90	A 0 p	12 52 36.969	+2.8092	−199	+38 42 44.19	−19.468	+ 50
487	[δ Muscae]	3.63	K 2	12 57 13.232	+4.0932	+530	−71 9 20.11	−19.459	− 36
488	ε Virginis	2.95	K 0	12 58 32.581	+2.9866	−185	+11 21 4.15	−19.376	+ 18
489	[ξ² Centauri]	4.40	B 3	13 2 38.306	+3.4919	− 35	−49 30 56.85	−19.330	− 30
490	ϑ Virginis	4.44	A 0	13 6 10.091	+3.1047	− 24	− 5 8 59.01	−19.254	− 39
491	[17 Can. ven.]	6.04	F 0	13 6 42.266	+2.7577	− 59	+38 53 11.04	−19.170	+ 32
492	43 Comae	4.32	G 0	13 8 28.112	+2.8013	−602	+28 14 52.02	−18.278	+879
493	[η Muscae]	4.95	B 8	13 10 16.906	+4.0438	− 33	−67 30 30.02	−19.139	− 30
494	[20 Can. ven.]	4.66	F 0	13 14 16.330	+2.6928	−107	+40 57 23.00	−18.993	+ 8
495	γ Hydrae	3.33	G 5	13 14 56.934	+3.2583	+ 51	−22 47 13.04	−19.036	− 53
496	ι Centauri	2.91	A 2	13 16 29.141	+3.3654	−294	−36 19 39.93	−19.031	− 92
497	ζ Urs. maj. pr.	2.40	A 2 p	13 20 59.393	+2.4192	+143	+55 18 22.27	−18.831	− 25
498	α Virginis	1.21	B 2	13 21 20.662	+3.1585	− 28	−10 46 50.88	−18.828	− 33
499	Grb 2001	6.07	K 5	13 24 16.240	+1.5274	+ 35	+72 46 12.88	−18.720	− 15
500	69 H. Urs. maj.	5.41	A 0	13 25 46.513	+2.2046	−109	+60 19 20.85	−18.620	+ 37
501	ζ Virginis	3.44	A 2	13 30 58.307	+3.0558	−190	− 0 13 23.80	−18.451	+ 35
502	17 H. Can. ven.	4.96	F 0	13 31 32.332	+2.6797	+ 64	+37 33 21.20	−18.480	− 13
503	[Chamael. 49 G.]	6.44	A 0	13 32 54.485	+5.0785	− 49	−75 18 44.04	−18.434	− 14
504	ε Centauri	2.56	B 1	13 35 14.971	+3.7876	− 37	−53 5 45.57	−18.372	− 34
505	[Grb 2029]	5.67	K 0	13 35 25.618	+1.4383	− 86	+71 36 48.57	−18.332	0
506	[*i* Centauri]	4.36	F 5	13 41 31.964	+3.4031	−371	−32 40 30.86	−18.266	−156
507	τ Bootis	4.51	F 5	13 43 47.584	+2.8509	−340	+17 49 11.74	−17.995	+ 28
509	η Ursae maj.	1.91	B 3	13 44 40.003	+2.3666	−119	+49 40 37.42	−18.011	− 20
508	[μ Centauri]	3.32	B 2 p	13 45 12.599	+3.6052	− 28	−42 6 38.12	−17.988	− 19
510	89 Virginis	5.11	K 0	13 45 54.083	+3.2569	− 69	−17 46 16.07	−17.981	− 38
511	[*i* Draconis]	4.77	M a	13 49 18.012	+1.7524	0	+65 5 0.77	−17.810	− 2
512	ζ Centauri	3.06	B 2 p	13 50 58.483	+3.7313	− 70	−46 55 47.42	−17.801	− 61
513	η Bootis	2.80	G 0	13 51 12.535	+2.8570	− 41	+18 45 46.83	−18.094	−364
514	[Cent. 294 G.]	4.68	K 0	13 52 20.839	+4.3208	− 46	−63 19 46.50	−17.719	− 35
515	[47 Hydrae]	5.17	B 8	13 54 25.095	+3.3626	− 34	−24 37 0.05	−17.638	− 40
517	11 Bootis	6.12	A 3	13 57 51.934	+2.7215	− 57	+27 44 18.58	−17.444	+ 8
516	τ Virginis	4.34	A 2	13 57 55.792	+3.0523	+ 13	+ 1 53 49.35	−17.479	− 30
518	β Centauri	0.86	B 1	13 58 39.343	+4.2165	− 28	−60 1 18.60	−17.458	− 40
519	[π Hydrae]	3.48	K 0	14 2 12.529	+3.4120	+ 30	−26 19 53.54	−17.414	−153
520	ϑ Centauri	2.26	K 0	14 2 22.714	+3.5233	−439	−36 0 42.04	−17.784	−530

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		M		h m s	s		° ′ ″	″	
521	α Draconis	3.64	A 0 p	14 2 24.709	+1.6238	— 83	+64 43 27.75	—17.236	+ 16
522	*d* Bootis	4.82	F 5	14 7 4.226	+2.7370	— 12	+25 26 12.35	—17.111	— 69
523	κ Virginis	4.31	K 0	14 8 59.918	+3.1982	+ 4	— 9 56 4.92	—16.818	+ 134
524	4 Ursae min.	5.00	K 0	14 9 6.274	—0.2643	— 113	+77 53 26.03	—16.915	+ 32
525	ι Virginis	4.16	F 5	14 12 11.011	+3.1436	— 13	— 5 39 10.65	—17.233	— 431
526	α Bootis	0.24	K 0	14 12 19.866	+2.7361	— 776	+19 33 42.37	—18.795	—2000
528	[ι Bootis]	4.78	A 5	14 13 34.897	+2.1255	— 159	+51 42 12.16	—16.649	+ 86
527	λ Bootis	4.26	A 0	14 13 36.594	+2.2820	— 177	+46 25 22.29	—16.582	+ 152
529	[υ Centauri]	4.41	B 5	14 15 12.608	+4.1725	— 47	—56 3 5.05	—16.696	— 39
530	[Circini 10 G.]	5.71	A 2 p	14 19 1.413	+4.9415	— 41	—67 51 52.97	—16.504	— 36
531	ϑ Bootis	4.06	F 8	14 22 42.734	+2.0429	— 256	+52 11 15.22	—16.687	— 404
532	[52 Hydrae]	5.00	B 8	14 23 53.497	+3.5080	— 28	—29 9 52.15	—16.252	— 30
533	[φ Virginis]	4.97	K 0	14 24 26.348	+3.0900	— 90	— 1 54 5.62	—16.201	— 7
534	ρ Bootis	3.78	K 0	14 28 41.057	+2.5861	— 76	+30 41 27.96	—15.859	+ 113
535	γ Bootis	3.00	F 0	14 29 8.354	+2.4167	— 93	+38 37 36.61	—15.804	+ 144
536	[Grb 2125]	6.18	F 0	14 29 43.870	+1.6286	— 58	+60 32 48.60	—15.898	+ 18
537	η Centauri	2.65	B 3 p +A 2 p	14 30 51.782	+3.8011	— 36	—41 50 17.34	—15.893	— 36
538	*α Centauri	0.33 1.70	G 0 K 5	14 34 37.628	+4.0624	—4880	—60 32 6.47	—14.942	+ 711
540	[33 Bootis]	5.39	A 0	14 36 7.239	+2.2328	— 67	+44 43 8.13	—15.597	— 26
539	[α Circini]	3.41	F 0	14 36 35.028	+4.8222	— 320	—64 39 30.41	—15.784	— 238
541	[α Lupi]	2.89	B 2	14 37 3.879	+3.9802	— 20	—47 4 33.72	—15.555	— 36
543	ζ Bootis m.	4.83 4.43	A 2	14 37 39.720	+2.8644	+ 37	+14 2 25.93	—15.512	— 27
542	α Apodis	3.81	K 5	14 38 42.376	+7.3513	— 56	—78 44 12.99	—15.462	— 35
544	[c^1 Centauri]	4.13	K 0	14 39 11.107	+3.6625	— 61	—34 51 37.65	—15.599	— 198
545	μ Virginis	3.95	F 5	14 39 12.623	+3.1597	+ 69	— 5 20 30.50	—15.726	— 326
546	[*b* Lupi]	5.20	K 0	14 41 54.208	+4.1837	— 24	—52 4 32.63	—15.340	— 92
547	109 Virginis	3.76	A 0	14 42 33.392	+3.0319	— 75	+ 2 11 58.16	—15.250	— 39
548	α Librae	2.90	A 3	14 46 50.159	+3.3157	— 77	—15 44 21.95	—15.038	— 74
549	Grb 2164	5.67	K 2	14 49 35.078	+1.5207	— 170	+59 35 24.19	—14.674	+ 129
550	β Ursae min.	2.24	K 5	14 50 53.974	—0.1941	— 78	+74 27 13.81	—14.718	+ 7
551	Pi XIV, 221	5.77	A 0	14 52 46.439	+2.8312	— 10	+14 44 25.00	—14.632	— 18
552	β Lupi	2.81	B 2 p	14 53 44.442	+3.9197	— 51	—42 50 28.21	—14.616	— 60
553	[κ Centauri]	3.35	B 3	14 54 24.238	+3.8951	— 21	—41 48 44.76	—14.549	— 33
554	[2 H. Urs. min.]	4.86	M b	14 56 24.944	+0.9472	— 147	+66 13 22.66	—14.360	+ 34
555	β Bootis	3.63	G 5	14 59 11.773	+2.2600	— 36	+40 40 39.44	—14.266	— 43
556	γ Scorpii	3.41	M b	14 59 47.542	+3.5073	— 57	—24 59 46.47	—14.242	— 55
557	ψ Bootis	4.67	K 0	15 1 19.041	+2.5707	— 131	+27 13 52.92	—14.107	— 15
558	ζ Lupi	3.50	K 0	15 7 1.697	+4.2976	— 133	—51 49 21.52	—13.805	— 73
559	[ι Librae]	4.66	A 0 p	15 8 3.347	+3.4162	— 32	—19 30 59.78	—13.714	— 47
562	[3 Serpentis]	5.44	K 0	15 11 33.540	+2.9812	— 12	+ 5 12 33.43	—13.448	— 7

Nr. 538. Schwerpunkt des Systems. Abstand vom Schwerpunkt nach den Elementen von Lohse in den Publ. d. Astrophys. Obs. Potsdam No. 58

heller Stern: 1927.0 $\Delta\alpha = +0^s.439$ $\Delta\delta = +2''.02$

1928.0 $= +0.414$ $= +1.64$

Nr.	Name	Gr.	Spektrum	AR. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
		M		h m s	s		° ′ ″	″	
561	[β Circini]	4.16	A 3	15 11 47.026	+4.6809	−130	−58 31 48.07	−13.575	−149
560	γ Triang. austr.	3.06	A 0	15 12 4.150	+5.5731	−101	−68 24 41.62	−13.445	−37
563	δ Bootis	3.54	K 0	15 12 33.584	+2.4192	+73	+33 35 10.57	−13.497	−121
564	β Librae	2.74	B 8	15 13 4.554	+3.2264	−64	−9 6 52.82	−13.369	−27
565	1 H. Urs. min.	5.23	G 0	15 13 47.627	+0.6824	+387	+67 37 25.16	−13.691	−395
566	φ¹ Lupi	3.59	K 5	15 17 10.019	+3.8005	−82	−35 59 52.13	−13.168	−95
569	γ Ursae min.	3.14	A 2	15 20 49.847	−0.1082	−32	+72 5 37.48	−12.812	+16
568	μ Bootis	4.47 6.66	F 0 K 0	15 21 43.935	+2.2663	−123	+37 37 56.42	−12.687	+80
570	[τ¹ Serpentis]	5.46	M a	15 22 24.188	+2.7818	−11	+15 41 1.02	−12.746	−24
571	ι Draconis	3.47	K 0	15 23 18.202	+1.3331	−5	+59 13 16.66	−12.647	+14
567	[κ¹ Apodis]	5.65	B 5 p	15 23 31.176	+6.4939	+5	−73 8 18.38	−12.685	−37
572	β Coron. bor.	3.72	F 0 p	15 24 49.147	+2.4739	−131	+29 21 23.03	−12.483	+76
573	ν¹ Bootis	5.15	K 5	15 28 18.407	+2.1549	+10	+41 4 51.91	−12.332	−13
576	[ϑ Coron. bor.]	4.17	B 5	15 29 59.122	+2.4188	−17	+31 36 16.15	−12.230	−26
574	[ε Triang. austr.]	4.11	K 0	15 30 1.008	+5.4653	+29	−66 4 24.34	−12.283	−82
575	γ Lupi	2.95	B 3	15 30 16.069	+3.9902	−26	−40 55 21.91	−12.223	−39
577	γ Librae	4.02	K 0	15 31 26.362	+3.3536	+43	−14 32 49.93	−12.099	+3
578	α Coron. bor.	2.31	A 0	15 31 35.795	+2.5400	+93	+26 57 33.78	−12.189	−98
579	[3 H. Scorpii]	3.78	K 2	15 32 35.236	+3.6377	−11	−27 53 40.56	−12.033	−11
580	[φ Bootis]	5.41	G 5	15 35 12.288	+2.1547	+58	+40 35 24.88	−11.786	+52
581	[γ Coron. bor.]	3.93	A 0	15 39 40.615	+2.5196	−74	+26 31 33.00	−11.486	+34
582	α Serpentis	2.75	K 0	15 40 40.244	+2.9540	+91	+6 39 15.13	−11.407	+42
583	β Serpentis	3.74	A 2	15 42 49.062	+2.7686	+51	+15 38 57.03	−11.349	−54
584	κ Serpentis	4.28	K 5	15 45 27.188	+2.7003	−31	+18 21 57.26	−11.201	−98
587	[12 H. Dracon.]	5.13	A 2	15 45 32.945	+0.9106	+55	+62 49 29.13	−11.158	−61
585	μ Serpentis	3.63	A 0	15 45 48.492	+3.1293	−59	−3 12 28.86	−11.109	−32
586	[χ Lupi]	4.11	B 9	15 46 18.831	+3.8069	−15	−33 24 21.70	−11.071	−30
590	ζ Ursae min.	4.34	A 2	15 46 37.648	−2.1821	+60	+78 1 11.45	−11.018	−1
588	ε Serpentis	3.75	A 2	15 47 10.524	+2.9894	+84	+4 41 46.78	−10.918	+59
589	β Triang. austr.	3.04	F 0	15 48 41.655	+5.2687	−279	−63 12 25.77	−11.273	−407
591	[γ Serpentis]	3.86	F 5	15 53 4.799	+2.7704	+213	+15 53 55.34	−11.836	−1294
592	[π Scorpii]	3.00	B 2	15 54 25.847	+3.6254	−15	−25 54 19.45	−10.478	−37
593	ε Coron. bor.	4.22	K 0	15 54 33.855	+2.4831	−61	+27 5 17.66	−10.500	−68
594	δ Scorpii	2.54	B 0	15 56 0.786	+3.5445	−8	−22 24 55.34	−10.359	−36
595	[Grb 2296]	4.96	A 5	15 56 3.333	+1.4208	−187	+54 57 19.65	−10.209	+111
598	ϑ Draconis	4.11	F 8	16 0 31.132	+1.1223	−402	+58 45 35.26	−9.643	+339
597	β Scorpii	2.90 5.06	B 1	16 1 11.313	+3.4856	−7	−19 36 25.20	−9.959	−27
596	[δ Normae]	4.84	A 3 p	16 1 19.438	+4.2325	−5	−44 58 36.75	−9.916	+6
599	[ϑ Lupi]	4.33	B 3	16 1 47.520	+3.9334	−29	−36 36 18.04	−9.927	−41
601	[φ Herculis]	4.26	B 9 p	16 6 28.126	+1.8897	−23	+45 7 31.70	−9.497	+31

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		M		h m s	s		° ' "	"	
600	[κ Normae]	5.09	K 0	16 7 42.511	+4.7182	− 42	−54 26 37.33	−9.498	− 65
602	[δ Triang. austr.]	4.03	G 0	16 8 46.716	+5.4445	+ 8	−63 30 3.97	−9.376	− 26
603	δ Ophiuchi	3.03	M a	16 10 31.080	+3.1426	− 30	− 3 30 27.51	−9.365	−150
606	19 Ursae min.	5.51	B 8	16 12 52.911	−1.7345	− 4	+76 3 43.25	−9.019	+ 12
604	γ^2 Normae	4.14	K 0	16 14 22.087	+4.4791	−190	−49 58 41.06	−8.976	− 61
605	ε Ophiuchi	3.34	K 0	16 14 27.389	+3.1727	+ 53	− 4 30 57.18	−8.877	+ 31
607	[σ Scorpii]	3.08	B 1	16 16 44.838	+3.6434	− 11	−25 25 8.86	−8.761	− 33
608	τ Herculis	3.91	B 5	16 17 32.729	+1.8028	− 9	+46 29 11.10	−8.633	+ 32
609	γ Herculis	3.79	F 0	16 18 41.915	+2.6456	− 36	+19 19 24.50	−8.534	+ 40
612	[η Ursae min.]	5.04	F 0	16 19 36.961	−1.7755	−218	+75 55 27.32	−8.246	+256
610	[ζ Triang. austr.]	4.93	G 0	16 20 35.507	+6.4269	+366	−69 55 20.20	−8.341	+ 84
613	[ω Herculis]	4.53	A 0 p	16 22 2.744	+2.7680	+ 28	+14 12 0.34	−8.377	− 68
611	γ Apodis	3.90	K 0	16 22 11.943	+9.1424	−385	−78 44 11.19	−8.368	− 71
614	[Grb 2343]	5.66	A 2	16 22 49.444	+1.3112	+ 19	+55 22 13.89	−8.229	+ 18
615	η Draconis	2.89	G 5	16 22 59.900	+0.8092	− 28	+61 40 44.84	−8.172	+ 61
616	α Scorpii	1.22	M a + A 3	16 24 55.665	+3.6758	− 7	−26 16 17.30	−8.107	− 28
618	β Herculis	2.81	K 0	16 27 4.853	+2.5785	− 69	+21 38 51.23	−7.927	− 21
617	[λ Ophiuchi]	3.85	A 0	16 27 13.792	+3.0246	− 23	+ 2 8 32.30	−7.984	− 90
619	*A* Draconis	4.98	B 8 p	16 28 7.035	−0.1251	− 51	+68 55 34.03	−7.788	+ 35
620	[τ Scorpii]	2.91	B 0	16 31 20.042	+3.7316	− 11	−28 3 57.94	−7.596	− 33
621	σ Herculis	4.25	A 0	16 31 44.944	+1.9339	− 6	+42 35 12.22	−7.491	+ 38
622	ζ Ophiuchi	2.70	B 0	16 33 8.218	+3.3021	+ 9	−10 25 14.08	−7.394	+ 22
623	[Grb 2373]	6.39	G 5	16 33 45.398	−2.6084	−320	+77 35 34.05	−7.092	+275
624	[24 Scorpii]	5.04	K 0	16 37 20.890	+3.4677	− 18	−17 36 8.06	−7.076	− 3
626	η Herculis	3.61	K 0	16 40 23.567	+2.0566	+ 35	+39 3 36.92	−6.907	− 84
625	α Triang. austr.	1.88	K 2	16 40 55.053	+6.3344	+ 32	−68 53 46.21	−6.829	− 49
627	Grb 2377	4.88	F 0	16 43 54.625	+1.1369	+ 28	+56 54 42.25	−6.475	+ 58
628	ε Scorpii	2.36	K 0	16 45 25.831	+3.8820	−501	−34 9 43.88	−6.662	−255
629	49 Herculis	6.41	A 0 p	16 48 45.387	+2.7309	+ 12	+15 5 43.70	−6.138	− 6
630	ζ^2 Scorpii	3.75	K 5	16 49 26.412	+4.2157	−134	−42 14 16.55	−6.312	−238
631	ζ Arae	3.06	K 5	16 52 34.298	+4.9571	− 30	−55 52 36.44	−5.860	− 48
632	[ε^1 Arae]	4.15	K 2	16 53 45.450	+4.7738	− 19	−53 3 0.96	−5.721	− 8
633	κ Ophiuchi	3.42	K 0	16 54 12.706	+2.8388	−198	+ 9 29 14.23	−5.688	− 13
634	ε Herculis	3.92	A 0	16 57 29.759	+2.2951	− 35	+31 1 58.40	−5.375	+ 24
635	[60 Herculis]	4.91	A 3	17 1 59.521	+2.7813	+ 34	+12 50 23.44	−5.034	− 15
636	[Grb 2415]	6.27	A 2	17 5 23.813	+1.9565	− 29	+40 36 38.38	−4.759	− 28
637	η Ophiuchi	2.63	A 2	17 6 11.362	+3.4389	+ 23	−15 38 9.49	−4.573	+ 90
638	[η Scorpii]	3.44	F 2	17 6 55.245	+4.2936	+ 17	−43 8 40.85	−4.899	−298
639	ζ Draconis	3.22	B 5	17 8 34.303	+0.1705	− 29	+65 48 16.02	−4.439	+ 22
640	α Herculis	3.48 5.39	M b	17 11 19.073	+2.7349	− 8	+14 28 20.29	−4.197	+ 29

Nr.	Name	Gr.	Spektrum	AR. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
641	δ Herculis	3.16	A 2	17 12 1.949	+2.4639	− 15	+24 55 27.20	−4.323	−159
643	π Herculis	3.36	K 5	17 12 30.232	+2.0893	− 21	+36 53 25.81	−4.123	+ 1
642	[ι Apodis]	5.60	B 8	17 13 56.592	+6.6786	− 14	−70 2 56.59	−4.028	− 27
644	ϑ Ophiuchi	3.37	B 3	17 17 31.435	+3.6826	− 7	−24 55 41.44	−3.718	− 25
645	β Arae	2.80	K 2	17 19 13.603	+4.9825	− 14	−55 27 46.57	−3.589	− 42
646	[d Ophiuchi]	4.37	F 5	17 22 41.409	+3.8287	+ 6	−29 48 9.07	−3.394	−145
647	[27 H. Ophiuchi]	4.61	F 0	17 22 45.426	+3.1829	− 58	− 5 1 24.48	−3.294	− 51
648	δ Arae	3.79	B 8	17 24 30.256	+5.4114	− 70	−60 37 29.94	−3.193	−101
650	[x Herculis]	5.81	A 2	17 24 48.104	+1.5898	+ 2	+48 19 13.54	−3.085	− 19
649	[υ Scorpii]	2.80	B 3	17 25 47.763	+4.0749	− 24	−37 14 21.32	−3.020	− 39
651	α Arae	2.97	B 3 p	17 26 11.694	+4.6343	− 38	−49 49 13.03	−3.040	− 94
652	λ Scorpii	1.71	B 2	17 28 38.900	+4.0709	− 14	−37 3 7.81	−2.766	− 32
653	β Draconis	2.99	G 0	17 28 46.946	+1.3550	− 15	+52 21 17.19	−2.712	+ 10
655	[ν¹ Draconis]	4.98	A 5	17 30 44.275	+1.1810	+176	+55 14 0.76	−2.502	+ 51
657	[ν² Draconis]	4.95	A 5	17 30 49.698	+1.1823	+181	+55 13 19.56	−2.493	+ 52
656	α Ophiuchi	2.14	A 5	17 31 32.691	+2.7841	+ 80	+12 36 42.82	−2.716	−233
654	ϑ Scorpii	2.04	F 0	17 32 4.196	+4.3077	0	−42 57 11.60	−2.455	− 18
659	[f Draconis]	5.21	K 0	17 32 15.160	−0.2439	− 32	+68 10 53.86	−2.287	+134
658	ξ Serpentis	3.64	A 5	17 33 24.301	+3.4339	− 34	−15 21 14.66	−2.385	− 65
664	ω Draconis	4.87	F 5	17 37 22.566	−0.3531	+ 11	+68 47 30.68	−1.652	+323
663	ι Herculis	3.79	B 3	17 37 24.204	+1.6931	− 5	+46 2 39.45	−1.977	− 4
660	[κ Scorpii]	2.51	B 2	17 37 26.101	+4.1480	− 15	−38 59 38.27	−1.997	− 26
662	[μ Arae]	5.26	G 5	17 38 20.715	+4.7603	− 29	−51 47 49.63	−2.099	−208
661	η Pavonis	3.58	K 0	17 38 33.788	+5.8841	− 22	−64 41 27.86	−1.928	− 56
665	β Ophiuchi	2.94	K 0	17 39 51.928	+2.9631	− 27	+ 4 35 47.16	−1.606	+153
666	[ι¹ Scorpii]	3.14	F 5 p	17 42 28.577	+4.1938	− 10	−40 6 1.04	−1.534	− 3
670	ψ Draconis	4.90 6.07	F 5	17 43 13.942	−1.0714	+ 31	+72 11 6.45	−1.732	−267
667	μ Herculis	3.48	G 5	17 43 36.015	+2.3471	−241	+27 45 44.35	−2.184	−751
668	[γ Ophiuchi]	3.74	A 0	17 44 13.894	+3.0076	− 16	+ 2 44 0.27	−1.455	− 77
669	[G Scorpii]	3.25	K 2	17 44 53.258	+4.0826	+ 41	−37 1 18.05	−1.294	+ 26
671	ξ Draconis	3.90	K 0	17 52 15.974	+1.0374	+120	+56 53 1.01	−0.600	+ 77
675	35 Draconis	5.04	F 5	17 52 42.855	−2.6889	+113	+76 58 24.88	−0.396	+241
672	ϑ Herculis	3.99	K 0	17 53 44.938	+2.0571	+ 4	+37 15 33.35	−0.542	+ 5
676	γ Draconis	2.42	K 5	17 54 54.627	+1.3926	− 9	+51 29 48.54	−0.467	− 22
674	[ξ Herculis]	3.82	K 0	17 54 55.661	+2.3311	+ 66	+29 15 16.59	−0.469	− 25
673	ν Ophiuchi	3.50	K 0	17 55 0.412	+3.3021	− 7	− 9 45 57.64	−0.554	−118
677	67 Ophiuchi	3.92	B 5 p	17 56 59.304	+3.0044	0	+ 2 56 1.53	−0.276	− 13
678	[Apodis 66 G.]	5.69	K 5	18 1 2.648	+8.3868	− 45	−75 53 46.10	−0.178	−270
679	γ Sagittarii	3.07	K 0	18 1 7.042	+3.8529	− 47	−30 25 35.80	−0.096	−194
680	72 Ophiuchi	3.73	A 3	18 3 53.295	+2.8438	− 42	+ 9 33 7.97	+0.419	+ 78

Nr.	Name	Gr.	Spektrum	AR. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
681	o Herculis	3.83	A 0	18 4 41.669	+2.3401	+ 2	+28 45 4.73	+0.410	0
682	μ Sagittarii	4.01	B 8 p	18 9 23.826	+3.5872	− 3	−21 4 46.12	+0.818	− 3
683	[η Sagittarii]	3.16	M b	18 12 41.197	+4.0587	− 117	−36 47 6.63	+0.946	−163
684	[Grb 2533]	5.42	B 5	18 13 22.496	+1.8654	− 6	+42 8 0.67	+1.162	− 7
685	[36 Draconis]	5.03	F 5	18 13 28.587	+0.3453	+ 533	+64 22 20.45	+1.208	+ 30
687	[δ Sagittarii]	2.84	K 0	18 16 19.228	+3.8408	+ 27	−29 51 38.48	+1.394	− 32
686	[ξ Pavonis]	4.25	K 2	18 16 29.920	+5.5280	− 26	−61 31 44.11	+1.459	+ 17
688	η Serpentis	3.42	K 0	18 17 31.917	+3.1036	− 372	− 2 55 8.84	+0.833	−699
689	ε Sagittarii	1.95	A 0	18 19 19.590	+3.9823	− 30	−34 25 14.46	+1.561	−127
690	109 Herculis	3.92	K 0	18 20 35.206	+2.5562	+ 140	+21 44 6.96	+1.541	−257
691	α Telescopii	3.76	B 3	18 21 33.647	+4.4488	− 21	−46 0 37.00	+1.835	− 48
693	[φ Draconis]	4.24	A 0 p	18 21 48.366	−0.8588	− 17	+71 17 57.35	+1.937	+ 33
695	χ Draconis	3.69	F 8	18 22 22.468	−1.0806	+1169	+72 42 5.67	+1.591	−363
694	*b* Draconis	4.85	A 2	18 22 50.687	+0.8764	− 45	+58 45 28.64	+2.053	+ 58
692	[λ Sagittarii]	2.94	K 0	18 23 27.912	+3.7022	− 37	−25 27 48.83	+1.861	−188
696	[2 H. Scuti]	4.73	A 3	18 25 2.192	+3.4189	− 3	−14 36 49.24	+2.188	+ 2
697	[ϑ Coron. austr.]	4.69	G 5	18 28 17.387	+4.2838	+ 15	−42 22 0.38	+2.444	− 24
700	[Grb 2655]	5.84	K 0	18 33 17.115	−2.8880	− 10	+77 29 28.49	+2.898	− 3
699	α Lyrae	0.14	A 0	18 34 27.996	+2.0314	+ 176	+38 42 53.20	+3.284	+281
698	ζ Pavonis	4.10	K 0	18 34 30.789	+7.0175	− 24	−71 29 36.77	+2.830	−178
701	[Grb 2640]	6.00	A 3	18 35 59.571	+0.1888	+ 18	+65 25 23.71	+3.219	+ 84
702	[5 H. Scuti]	5.09	G 5	18 39 32.720	+3.2673	+ 13	− 8 20 55.15	+3.451	+ 9
703	110 Herculis	4.26	F 5	18 42 31.170	+2.5812	− 12	+20 28 31.00	+3.357	−340
704	λ Pavonis	4.42	B 2	18 45 27.428	+5.5629	− 25	−62 16 24.27	+3.922	− 28
705	*β Lyrae	var.	B 8 p + B 2 p	18 47 23.071	+2.2148	+ 3	+33 16 37.21	+4.113	− 2
707	o Draconis	4.78	K 0	18 50 7.528	+0.8865	+ 105	+59 17 55.31	+4.374	+ 25
706	σ Sagittarii	2.14	B 3	18 50 44.358	+3.7201	+ 4	−26 23 20.32	+4.339	− 63
709	ϑ Serpent. pr.	4.50	A 5	18 52 35.425	+2.9823	+ 29	+ 4 6 26.21	+4.587	+ 28
708	λ Telescopii	5.03	B 9	18 52 37.536	+4.8022	+ 3	−53 2 8.61	+4.577	+ 14
711	**R* Lyrae	var.	M b	18 53 6.849	+1.8263	+ 28	+43 50 56.58	+4.680	+ 76
710	[ξ Sagittarii]	3.61	K 0	18 53 22.527	+3.5790	+ 18	−21 12 14.73	+4.610	− 16
714	[υ Draconis]	4.91	K 0	18 55 17.890	−0.7284	+ 103	+71 11 59.59	+4.830	+ 40
713	γ Lyrae	3.30	A 0 p	18 56 12.741	+2.2438	− 4	+32 35 18.33	+4.866	− 2
712	[ε Aquilae]	4.21	K 0	18 56 18.517	+2.7221	− 42	+14 58 4.53	+4.795	− 80
715	[ζ Sagittarii]	2.71	A 2	18 57 58.072	+3.8173	− 21	−29 59 9.34	+5.018	+ 2
716	ζ Aquilae	3.02	A 0	19 2 3.270	+2.7570	− 7	+13 45 13.37	+5.261	−101
717	λ Aquilae	3.55	B 9	19 2 22.504	+3.1837	− 16	− 4 59 35.88	+5.302	− 87
718	α Coron. austr.	4.12	A 2	19 4 30.424	+4.0824	+ 59	−38 1 11.47	+5.458	−109
719	[ι Lyrae]	5.13	B 5	19 4 41.792	+2.1406	− 3	+35 59 5.20	+5.580	− 3
720	π Sagittarii	3.02	F 2	19 5 25.394	+3.5681	− 5	−21 8 27.96	+5.609	− 35

Nr. 705. Gröfse: Max. 3.4, Min. 4.1. Nr. 711. Gröfse: Max. 4.0, Min. 4.7. Gröfse in Harvard 50 = 4.32.

Nr.	Name	Gr.	Spektrum	AR. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
721	[Pavonis 60 G.]	5.57	A 2	19 9 52.269	+6.0446	− 7	−66 47 21.46	+ 5.996	− 21
723	δ Draconis	3.24	K 0	19 12 32.578	+0.0186	+ 167	+67 31 59.05	+ 6.327	+ 88
722	[*d* Sagittarii]	5.03	K 0	19 13 21.888	+3.5104	− 12	−19 5 2.94	+ 6.299	− 9
724	ϑ Lyrae	4.46	K 0	19 13 50.019	+2.0817	− 7	+38 0 9.99	+ 6.345	− 1
725	ω Aquilae	5.14	A 5	19 14 23.389	+2.8158	− 3	+11 27 45.29	+ 6.406	+ 13
726	κ Cygni	3.98	K 0	19 15 24.992	+1.3873	+ 69	+53 13 59.20	+ 6.597	+ 119
729	τ Draconis	4.63	K 0	19 16 58.020	−1.1439	− 326	+73 13 13.61	+ 6.715	+ 110
727	[υ Sagittarii]	4.58	B 8 p + F 2 p	19 17 32.858	+3.4366	0	−16 5 35.96	+ 6.652	− 2
728	α Sagittarii	4.11	B 8	19 18 49.850	+4.1588	+ 18	−40 45 17.24	+ 6.641	− 118
730	δ Aquilae	3.44	F 0	19 21 49.068	+3.0247	+ 167	+ 2 58 4.74	+ 7.086	+ 81
731	[Sagittar. 186 G.]	5.68	B 9	19 22 19.781	+3.7926	+ 7	−29 53 20.42	+ 7.000	− 47
734	[Grb 2900]	6.00	A 2	19 26 8.618	−3.5969	+ 96	+79 27 28.41	+ 7.323	− 35
732	*β Cygni	3.24	K 0 + A 0	19 27 46.614	+2.4190	− 2	+27 48 19.10	+ 7.483	− 8
733	ι Cygni	3.94	A 2	19 27 51.960	+1.5130	+ 22	+51 34 24.72	+ 7.623	+ 125
735	[ι Telescopii]	5.02	K 0	19 29 48.206	+4.4528	− 41	−48 15 29.28	+ 7.615	− 40
736	*h* Sagittarii	4.66	B 9	19 32 15.996	+3.6519	+ 46	−25 2 46.04	+ 7.832	− 22
737	[κ Aquilae]	5.04	B 0	19 32 57.912	+3.2281	+ 3	− 7 11 27.59	+ 7.910	0
738	ϑ Cygni	4.64	F 5	19 34 29.017	+1.6082	− 29	+50 3 4.45	+ 8.279	+ 247
740	[15 Cygni]	5.02	K 0	19 41 38.608	+2.1633	+ 59	+37 10 37.72	+ 8.637	+ 36
739	[ν Telescopii]	5.52	A 5	19 42 3.929	+4.9062	+ 86	−56 32 22.90	+ 8.498	− 137
742	δ Cygni	2.97	A 0	19 42 41.621	+1.8756	+ 51	+44 57 6.20	+ 8.724	+ 40
741	γ Aquilae	2.80	K 2	19 42 47.342	+2.8520	+ 9	+10 26 3.34	+ 8.691	0
743	δ Sagittae	3.78	M a + A 0	19 44 7.953	+2.6749	+ 4	+18 21 11.26	+ 8.810	+ 13
744	[51 Aquilae]	5.55	F 0	19 46 45.887	+3.3017	− 21	−10 56 59.52	+ 9.045	+ 41
745	α Aquilae	0.89	A 5	19 47 13.287	+2.9268	+ 360	+ 8 40 27.80	+ 9.422	+ 383
747	ε Draconis	3.99	K 0	19 48 25.742	−0.1943	+ 156	+70 4 55.11	+ 9.163	+ 30
746	*[η Aquilae]	var.	G 0 p	19 48 45.291	+3.0565	+ 6	+ 0 49 1.47	+ 9.150	− 9
749	β Aquilae	3.90	K 0	19 51 43.641	+2.9466	+ 25	+ 6 13 23.89	+ 8.910	− 480
748	ε Pavonis	4.10	A 0	19 52 10.607	+6.9708	+ 147	−73 6 19.67	+ 9.292	− 132
750	ψ Cygni	4.80	A 3	19 53 44.575	+1.5512	− 43	+52 14 40.17	+ 9.514	− 31
751	ϑ[1] Sagittarii	4.39	B 3	19 54 59.245	+3.9066	− 12	−35 28 30.51	+ 9.605	− 36
752	γ Sagittae	3.71	K 5	19 55 30.612	+2.6675	+ 43	+19 17 34.19	+ 9.705	+ 24
753	[*c* Sagittarii]	4.60	M b	19 58 10.316	+3.6909	+ 21	−27 54 50.78	+ 9.901	+ 18
754	δ Pavonis	3.64	G 5	20 1 34.840	+5.9036	+1962	−66 22 12.97	+ 8.980	−1161
755	[ξ Telescopii]	4.86	M a	20 1 47.910	+4.6023	− 44	−53 5 29.07	+10.156	− 2
756	ϑ Aquilae	3.37	A 0	20 7 32.334	+3.0956	+ 22	− 1 2 20.93	+10.593	+ 6
757	ο[1] Cygni sq.	3.95	K 0 + B 8	20 11 19.972	+1.8892	+ 4	+46 31 8.95	+10.869	+ 1
759	κ Cephei	4.40	B 9	20 11 22.674	−1.9869	+ 12	+77 29 32.36	+10.898	+ 27
758	[33 Cygni]	4.32	A 3	20 11 42.114	+1.3955	+ 74	+56 20 38.02	+10.980	+ 85
760	24 Vulpeculae	5.45	K 0	20 13 39.652	+2.5670	+ 12	+24 26 42.84	+11.019	− 19

Nr. 732. Gröfse und Spektrum beziehen sich auf die hellere Komponente. Die entsprechenden Werte für die schwächere Komponente sind 5.36 und B 9. Nr. 746. Gröfse: Max. 3.7, Min. 4.5.

Nr.	Name	Gr.	Spektrum	AR. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0ˢ.0001	Dekl. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ′ ″	″	
761	α² Capricorni	3.77	G 5	20 14 0.353	+3.3295	+ 40	−12 46 19.94	+11.075	+ 11
762	[β Capricorni]	3.25	G 0 + A 0	20 16 54.682	+3.3714	+ 23	−15 0 47.03	+11.281	+ 6
763	[κ¹ Sagittarii]	5.64	A 0	20 17 30.475	+4.0795	+ 37	−42 16 51.79	+11.222	− 96
765	γ Cygni	2.32	F 8 p	20 19 36.468	+2.1529	+ 4	+40 1 19.98	+11.469	0
764	α Pavonis	2.12	B 3	20 19 53.015	+4.7582	+ 11	−56 58 13.50	+11.403	− 85
766	[ρ Capricorni]	4.96	F 0	20 24 41.926	+3.4231	− 14	−18 3 21.97	+11.815	− 16
767	ϑ Cephei	4.28	A 5	20 28 21.590	+1.0096	+ 63	+62 44 54.01	+12.074	− 14
768	ε Delphini	3.98	B 5	20 29 43.525	+2.8661	+ 5	+11 3 14.74	+12.158	− 25
769	α Jndi	3.21	K 0	20 32 26.311	+4.2255	+ 33	−47 32 50.66	+12.431	+ 60
770	73 Draconis	5.18	A 2 p	20 32 29.457	−0.7696	+ 16	+74 42 17.00	+12.363	− 12
771	β Delphini	3.72	F 5	20 34 7.543	+2.8130	+ 74	+14 20 24.65	+12.450	− 36
772	[κ Delphini]	5.23	G 5	20 35 35.031	+2.9138	+ 212	+ 9 49 41.01	+12.604	+ 18
773	υ Capricorni	5.33	M a	20 35 53.789	+3.4166	− 17	−18 23 48.47	+12.591	− 16
774	α Delphini	3.86	B 8	20 36 14.840	+2.7865	+ 45	+15 39 12.58	+12.625	− 6
775	β Pavonis	3.60	A 5	20 38 24.073	+5.4301	− 71	−66 28 1.96	+12.778	+ 1
776	[η Jndi]	4.70	F 0	20 38 41.202	+4.4138	+ 157	−52 10 59.60	+12.723	− 73
777	α Cygni	1.33	A 2 p	20 38 56.565	+2.0450	+ 4	+45 1 7.37	+12.813	− 1
778	[δ Delphini]	4.53	A 5	20 40 3.049	+2.8008	− 14	+14 48 42.00	+12.840	− 48
779	[ψ Capricorni]	4.26	F 8	20 41 46.589	+3.5543	− 44	−25 32 3.92	+12.846	− 157
780	ε Cygni	2.64	K 0	20 43 15.418	+2.4274	+ 290	+33 41 45.57	+13.429	+ 328
782	[6 H. Cephei]	4.63	G 0	20 43 32.443	+1.4895	− 87	+57 19 2.01	+12.886	− 234
781	ε Aquarii	3.83	A 0	20 43 43.539	+3.2483	+ 17	− 9 45 50.36	+13.104	− 28
783	η Cephei	3.59	K 0	20 43 48.463	+1.2229	+ 131	+61 33 17.26	+13.956	+ 819
784	λ Cygni	4.47	B 5	20 44 33.851	+2.3362	+ 5	+36 13 18.25	+13.187	0
785	β Jndi	3.72	K 0	20 49 6.955	+4.7009	0	−58 43 51.22	+13.457	− 27
786	32 Vulpeculae	5.24	K 5	20 51 26.889	+2.5565	− 4	+27 46 44.95	+13.636	+ 1
788	ν Cygni	4.04	A 0	20 54 27.045	+2.2361	+ 9	+40 53 7.07	+13.809	− 17
787	[α Octantis]	5.24	F 2	20 55 55.922	+7.3395	− 14	−77 18 14.40	+13.565	− 355
789	[11 Aquarii]	6.26	G 0	20 56 43.251	+3.1592	+ 23	− 5 0 47.60	+13.837	− 133
790	ζ Microscopii	5.35	F 0	20 58 18.359	+3.8378	− 36	−38 55 3.90	+13.947	− 122
792	[ξ Cygni]	3.92	K 5	21 2 16.498	+2.1820	+ 12	+43 38 8.99	+14.311	− 3
791	[A Capricorni]	4.60	M a	21 2 51.644	+3.5109	− 30	−25 17 55.50	+14.303	− 47
793	61 Cygni pr.	5.57	K 5	21 3 37.381	+2.6866	+3505	+38 23 22.64	+17.651	+3255
794	ν Aquarii	4.52	K 0	21 5 37.186	+3.2694	+ 62	−11 40 5.50	+14.508	− 9
795	Br 2777	5.90	B 9	21 6 59.451	−1.1659	+ 74	+77 49 50.63	+14.635	+ 36
797	ζ Cygni	3.40	K 0	21 9 49.698	+2.5526	− 1	+29 55 36.04	+14.710	− 59
798	[Grb 3415]	5.65	B 2	21 9 56.772	+1.5278	− 6	+59 41 9.13	+14.773	− 2
796	[Jndi 23 G.]	5.84	A 5	21 10 33.419	+4.2907	− 19	−53 34 0.14	+14.765	− 46
799	[τ Cygni]	3.82	F 0	21 11 52.557	+2.3942	+ 137	+37 43 59.15	+15.324	+ 435
800	α Equulei	4.14	F 8 + A 3	21 12 10.515	+2.9993	+ 38	+ 4 56 42.42	+14.819	− 87

Nr.	Name	Gr.	Spektrum	AR. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
801	[4 Pisc. austr.]	4.79	A o	21 13 30.938	+3.6413	+ 35	−32 28 42.96	+14.958	− 26
802	[ϑ¹ Microscop.]	4.92	A 2 p	21 16 5.910	+3.8448	+ 70	−41 7 8.18	+15.147	+ 14
803	α Cephei	2.60	A 5	21 16 50.299	+1.4330	+ 212	+62 16 33.02	+15.225	+ 49
804	1 Pegasi	4.24	K o	21 18 42.591	+2.7741	+ 74	+19 29 28.71	+15.343	+ 61
805	γ Pavonis	4.30	F 8	21 20 25.698	+4.9837	+ 129	−65 41 52.36	+16.167	+ 788
806	ζ Capricorni	3.86	G 5 p	21 22 30.159	+3.4278	− 1	−22 43 42.60	+15.518	+ 23
807	[g Cygni]	5.34	K o	21 26 45.256	+2.2133	+ 48	+46 13 4.88	+15.831	+ 103
808	β Aquarii	3.07	G o	21 27 43.032	+3.1590	+ 11	− 5 53 35.35	+15.775	− 5
809	β Cephei	3.32	B 1	21 27 43.529	+0.7811	+ 20	+70 14 24.08	+15.787	+ 7
810	ν Octantis	3.74	K o	21 33 25.324	+6.7490	+ 133	−77 42 56.95	+15.827	− 256
811	74 Cygni	5.09	A 5	21 34 1.277	+2.4036	− 3	+40 5 5.66	+16.126	+ 12
812	[γ Capricorni]	3.80	F o p	21 36 2.947	+3.3259	+ 131	−16 59 34.15	+16.203	− 16
813	[13 H. Cephei]	5.64	Oe 5	21 36 41.719	+1.8618	+ 7	+57 9 30.44	+16.254	+ 2
815	ε Pegasi	2.54	K o	21 40 36.027	+2.9464	+ 18	+ 9 32 22.24	+16.449	0
814	[ι Pisc.austr.]	4.35	A o	21 40 36.167	+3.5774	+ 18	−33 21 34.80	+16.360	− 89
817	[11 Cephei]	4.85	K o	21 40 51.513	+0.8853	+ 234	+70 58 30.19	+16.560	+ 98
816	[κ Pegasi]	4.27	F 5	21 41 20.291	+2.7159	+ 25	+25 18 31.56	+16.496	+ 10
818	[λ Capricorni]	5.43	A o	21 42 36.464	+3.2310	+ 20	−11 42 12.07	+16.545	− 4
819	δ Capricorni	2.98	A 5	21 43 0.837	+3.3129	+ 178	−16 27 33.68	+16.276	− 294
821	π² Cygni	4.26	B 3	21 44 5.678	+2.2155	+ 8	+48 58 16.11	+16.619	− 4
820	[ο Jndi]	5.50	K 2	21 44 38.242	+5.1055	− 87	−69 58 13.41	+16.628	− 21
822	γ Gruis	3.16	B 8	21 49 30.812	+3.6375	+ 77	−37 42 32.54	+16.864	− 18
823	16 Pegasi	5.05	B 3	21 49 44.359	+2.7289	+ 4	+25 34 51.64	+16.894	+ 1
824	[δ Jndi]	4.56	F o	21 52 57.628	+4.0945	+ 43	−55 20 26.87	+17.014	− 29
826	[20 Pegasi]	5.66	F 2	21 57 31.926	+2.9222	+ 36	+12 46 10.26	+17.196	− 54
825	[ε Jndi]	4.74	K 5	21 57 47.344	+4.6033	+4810	−57 5 13.33	+14.684	−2578
827	α Aquarii	3.19	G o	22 2 2.107	+3.0815	+ 10	− 0 40 30.61	+17.441	− 7
828	ι Aquarii	4.35	B 8	22 2 29.803	+3.2414	+ 24	−14 13 28.17	+17.416	− 51
830	20 Cephei	5.39	K 5	22 2 47.306	+1.8224	+ 22	+62 25 44.72	+17.540	+ 60
831	[ι Pegasi]	3.96	F 5	22 3 36.665	+2.7918	+ 219	+24 59 16.40	+17.537	+ 22
829	α Gruis	2.16	B 5	22 3 38.416	+3.7892	+ 119	−47 18 55.91	+17.345	− 171
832	[μ Pisc. austr.]	4.62	A 2	22 4 7.656	+3.5028	+ 41	−33 20 43.88	+17.496	− 41
833	[27 Pegasi]	5.65	K o	22 5 59.460	+2.6574	− 42	+32 48 54.49	+17.550	− 65
834	ϑ Pegasi	3.70	A 2	22 6 31.052	+3.0263	+ 184	+ 5 50 17.02	+17.668	+ 31
835	π Pegasi	4.38	F 5	22 6 44.595	+2.6632	− 9	+32 49 9.95	+17.628	− 19
836	ζ Cephei	3.62	K o	22 8 19.124	+2.0790	+ 14	+57 50 27.37	+17.717	+ 6
837	24 Cephei	4.99	G 5	22 8 24.469	+1.1560	+ 54	+71 58 52.97	+17.723	+ 8
838	[λ Pisc.austr.]	5.40	B 9	22 10 10.746	+3.4038	+ 16	−28 7 46.03	+17.786	− 1
839	[ε Octantis]	5.11	M b	22 11 55.965	+6.8362	+ 137	−80 48 15.39	+17.817	− 40
840	ϑ Aquarii	4.32	K o	22 12 58.982	+3.1666	+ 76	− 8 8 50.65	+17.880	− 19

Nr.	Name	Gr.	Spektrum	AR. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
841	α Tucanae	2.91	K 2	22 13 30.930	+4.1268	− 98	−60 37 27.46	+17.870	− 49
842	γ Aquarii	3.97	A 0	22 17 53.181	+3.0988	+ 83	− 1 45 21.04	+18.094	+ 7
843	[31 Pegasi]	4.93	B 3 p	22 17 55.427	+2.9521	− 1	+11 50 12.49	+18.098	+ 9
844	3 Lacertae	4.58	K 0	22 20 41.153	+2.3567	− 15	+51 51 46.00	+18.001	−191
845	[ν Gruis]	5.48	K 0	22 24 22.797	+3.5217	+ 24	−39 30 6.35	+18.163	−162
846	[δ¹ Gruis]	4.02	G 5	22 24 54.768	+3.5923	+ 17	−43 52 9.08	+18.336	− 8
847	*[δ Cephei]	var.	verän.	22 26 27.402	+2.2243	+ 17	+58 2 28.01	+18.400	+ 2
848	7 Lacertae	3.85	A 0	22 28 16.828	+2.4691	+ 147	+49 54 24.15	+18.477	+ 17
849	[υ Aquarii]	5.29	F 5	22 30 42.225	+3.2840	+ 155	−21 4 57.78	+18.398	−144
850	η Aquarii	4.13	B 8	22 31 36.342	+3.0831	+ 59	− 0 29 39.55	+18.517	− 55
851	[31 Cephei]	5.22	F 0	22 33 57.922	+1.4818	+ 383	+73 15 50.23	+18.672	+ 23
852	10 Lacertae	4.91	Oe 5	22 35 58.961	+2.6899	+ 4	+38 40 11.49	+18.706	− 6
853	[30 Cephei]	5.21	A 2	22 36 3.458	+2.1253	+ 1	+63 12 16.72	+18.694	− 22
854	[ε Pisc.austr.]	4.22	B 8	22 36 37.270	+3.3208	+ 12	−27 25 29.37	+18.735	+ 2
855	ζ Pegasi	3.61	B 8	22 37 49.231	+2.9917	+ 53	+10 26 59.15	+18.757	− 13
856	β Gruis	2.24	M b	22 38 18.876	+3.5893	+ 117	−47 16 1.57	+18.760	− 25
857	η Pegasi	3.10	G 0	22 39 34.661	+2.8106	+ 12	+29 50 20.03	+18.790	− 33
858	[13 Lacertae]	5.24	K 0	22 40 49.922	+2.6728	− 6	+41 26 8.55	+18.866	+ 5
859	λ Pegasi	4.14	K 0	22 43 0.769	+2.8883	+ 41	+23 10 51.70	+18.914	− 10
860	ε Gruis	3.69	A 2	22 44 9.174	+3.6323	+ 96	−51 42 4.66	+18.884	− 73
861	[τ Aquarii]	4.21	K 5	22 45 43.717	+3.1776	− 12	−13 58 42.01	+18.968	− 33
862	[μ Pegasi]	3.67	K 0	22 46 28.667	+2.8943	+ 109	+24 12 56.51	+18.981	− 41
863	ι Cephei	3.68	K 0	22 47 4.570	+2.1305	− 114	+65 48 58.17	+18.916	−123
864	λ Aquarii	3.84	M a	22 48 48.429	+3.1305	+ 5	− 7 58 6.58	+19.123	+ 38
865	ρ Jndi	6.14	G 0	22 49 36.214	+4.2014	− 101	−70 27 51.24	+19.168	+ 62
866	δ Aquarii	3.51	A 2	22 50 46.671	+3.1851	− 33	−16 12 33.96	+19.118	− 19
867	α Pisc. austr.	1.29	A 3	22 53 37.204	+3.3180	+ 247	−30 0 34.15	+19.051	−159
868	[ζ Gruis]	4.18	G 5	22 56 34.734	+3.5519	− 80	−53 8 45.79	+19.266	− 16
869	o Androm.	3.63	B 5 + A 2 p	22 58 33.500	+2.7573	+ 25	+41 55 59.53	+19.316	− 13
870	β Pegasi	2.61	M a	23 0 13.960	+2.9066	+ 145	+27 41 11.22	+19.504	+138
871	α Pegasi	2.57	A 0	23 1 7.373	+2.9872	+ 41	+14 48 43.60	+19.346	− 41
872	ϑ Gruis	4.35	F 5	23 2 46.336	+3.3856	− 52	−43 54 54.81	+19.385	− 38
873	c² Aquarii	3.80	K 0	23 5 33.393	+3.2004	+ 32	−21 34 8.30	+19.518	+ 36
874	π Cephei	4.56	G 5	23 5 34.239	+1.9030	+ 29	+74 59 33.70	+19.456	− 25
875	Br 3077	5.65	K 2	23 9 45.624	+2.8825	+2531	+56 45 54.07	+19.861	+296
876	[Tucanae 25 G.]	5.69	G 0	23 12 35.034	+3.6210	+ 231	−62 23 58.93	+19.564	− 53
877	γ Tucanae	4.10	F 2	23 13 10.695	+3.5117	− 59	−58 38 10.45	+19.710	+ 82
878	[γ Piscium]	3.85	K 0	23 13 22.827	+3.1095	+ 503	+ 2 52 59.09	+19.649	+ 18
879	γ Sculptoris	4.51	K 0	23 14 53.154	+3.2431	+ 10	−32 55 48.01	+19.590	− 68
880	τ Pegasi	4.65	A 5	23 17 1.268	+2.9674	+ 21	+23 20 25.51	+19.680	− 13

Nr. 847. Spektrum wechselt von F 5 bis G 0.

Nr.	Name	Gr.	Spektrum	AR. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
882	4 Cassiopeiae	5.20	K 5	23 21 35.204	+2.6574	+ 17	+61 52 54.51	+19.753	— 10
881	[υ Pegasi]	4.57	G 0	23 21 43.992	+2.9924	+138	+23 0 7.01	+19.801	+ 35
883	[ο Gruis]	5.54	F 0	23 22 31.767	+3.3624	— 4	—53 7 33.65	+19.896	+119
884	κ Piscium	4.94	A 2 p	23 23 11.404	+3.0753	+ 56	+ 0 51 20.65	+19.694	— 93
885	70 Pegasi	4.67	K 0	23 25 27.661	+3.0327	+ 38	+12 21 27.17	+19.845	+ 28
886	[β Sculptoris]	4.46	B 9	23 29 3.646	+3.2210	+ 65	—38 13 20.27	+19.876	+ 14
887	[72 Pegasi]	5.21	K 2	23 30 19.665	+2.9735	+ 40	+30 55 20.14	+19.865	— 12
888	[Aquarii 248 G.]	6.51	K 0	23 31 46.162	+3.0950	— 5	— 7 52 6.95	+19.916	+ 23
889	[Phoenicis 11 G.]	4.86	A 2	23 33 55.481	+3.2341	+ 47	—45 53 48.45	+19.878	— 37
890	[λ Androm.]	4.00	K 0	23 33 59.095	+2.9313	+156	+46 3 44.79	+19.493	—423
891	ι Androm.	4.28	B 8	23 34 33.028	+2.9381	+ 27	+42 51 49.35	+19.916	— 5
892	ι Piscium	4.28	F 8	23 36 11.668	+3.0849	+247	+ 5 13 49.39	+19.497	—440
893	γ Cephei	3.42	K 0	23 36 20.217	+2.4470	—184	+77 13 29.63	+20.095	+157
894	ω² Aquarii	4.62	A 0	23 38 56.281	+3.1120	+ 65	—14 56 55.20	+19.897	— 63
895	41 H. Cephei	5.02	A 0	23 44 24.472	+2.8569	+ 23	+67 24 4.13	+19.999	+ 1
896	Lac. δ Sculpt.	4.64	A 0	23 45 7.557	+3.1271	+ 71	—28 32 2.81	+19.898	—105
897	[Aquarii 268 G.]	6.08	K 0	23 46 28.725	+3.0958	+ 86	—10 22 53.99	+20.096	+ 86
898	φ Pegasi	5.23	M a	23 48 46.280	+3.0499	— 8	+18 42 53.05	+19.981	— 39
899	[ρ Cassiopeiae]	4.85	F 8 p	23 50 43.613	+2.9886	— 7	+57 5 35.65	+20.032	+ 4
900	[27 Piscium]	5.07	K 0	23 54 56.135	+3.0712	— 37	— 3 57 39.66	+19.971	— 68
901	[π Phoenicis]	5.14	K 0	23 55 9.070	+3.1135	+ 30	—53 9 13.94	+20.086	+ 46
902	ω Piscium	4.03	F 5	23 55 33.679	+3.0799	+100	+ 6 27 32.91	+19.931	—109
903	ε Tucanae	4.71	B 9	23 56 8.008	+3.1299	+ 64	—65 59 0.11	+20.009	— 33
904	[ϑ Octantis]	4.73	K 0	23 57 51.848	+3.1070	—219	—77 28 7.48	+19.873	—171

Nördliche Polsterne

Nr.	Name	Gr.	Spektrum	AR. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0ˢ.001	Dekl. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
		M		h m s	s		° ′ ″	″	
Na	43 H. Cephei	4.52	K 0	0 58 26.67	+ 7.813	+ 75	+85 51 59.25	+19.395	— 1
Nb	α Ursae min.	2.12	F 8	1 35 16.32	+31.672	+151	+88 54 47.72	+18.338	+ 1
Nc	*Grb 750	6.70	F 8	4 12 59.70	+17.797	+ 16	+85 21 41.44	+ 9.055	+ 32
Nd	51 H. Cephei	5.26	M a	7 6 54.72	+28.876	— 51	+87 9 58.44	— 5.804	— 35
Ne	1 H. Dracon.	4.58	K 2	9 26 49.16	+ 8.709	— 6	+81 39 4.41	—15.752	— 20
Nf	[30 H. Camel.]	5.34	F 2	10 22 19.96	+ 7.481	— 46	+82 55 52.75	—18.221	+ 31
Ng	ε Ursae min.	4.40	G 5	16 53 23.20	— 6.218	+ 7	+82 9 36.04	— 5.738	+ 6
Nh	δ Ursae min.	4.44	A 0	17 55 46.36	—19.492	+ 16	+86 36 49.70	— 0.313	+ 57
Ni	λ Ursae min.	6.55	M b	18 50 28.97	—74.117	— 98	+89 1 51.36	+ 4.386	+ 7
Nk	76 Draconis	5.69	A 0	20 47 58.66	— 4.220	+ 16	+82 15 44.58	+13.438	+ 27

Nr. Nc Gröfse aus Harvard 54 entnommen.

Südliche Polsterne

Nr.	Name	Gr.	Spektrum	AR. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0ˢ.001	Dekl. 1927.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
		M		h m s	s		° ′ ″	″	
Sa	Octantis 4 G.	5.63	K 0	1 41 25.76	— 3.638	+ 18	—85 8 19.90	+18.148	+ 34
Sb	[ξ Mensae]	5.85	K 0	5 7 7.16	— 6.908	— 4	—82 34 14.15	+ 4.598	+ 14
Sc	ζ Octantis	5.38	F 0	9 7 36.72	— 8.303	— 94	—85 22 23.57	—14.588	+ 49
Sd	ι Octantis	5.38	K 0	12 47 7.60	+ 6.072	+ 42	—84 43 38.50	—19.597	+ 25
Se	Octantis 20 G.	6.52	A 2	14 50 36.23	+27.068	—183	—87 51 19.66	—14.811	— 69
Sf	Octantis 26 G.	6.13	A 0	16 33 19.16	+21.960	+ 5	—86 14 13.58	— 7.404	— 2
Sg	χ Octantis	5.22	K 0	18 12 9.27	+35.676	— 88	—87 39 45.10	+ 0.934	—129
Sh	σ Octantis	5.48	F 0	19 43 4.90	+89.588	+110	—89 12 7.48	+ 8.715	+ 1
Si	β Octantis	4.34	F 0	22 38 42.07	+ 6.254	— 26	—81 45 54.55	+18.799	+ 3
Sk	τ Octantis	5.56	K 0	23 17 48.32	+ 9.714	+ 20	—87 53 1.28	+19.721	+ 15

Von den Sternen, deren Namen eingeklammert sind, folgen keine Ephemeriden.

Welt-Zeit	h	1) α Andromedae AR.	Diff.	Dekl.	Diff.	2) β Cassiopeiae AR.	Diff.	Dekl.	Diff.
1927		0h 4m		+28° 41′		0h 5m		+58° 44′	
Jan. 0	17	35.424		16.61		15.048		59.63	
10	17	35.280	144	15.69	92	14.724	324	58.90	73
20	16	35.143	137	14.51	118	14.411	313	57.66	124
30	15	35.018	125	13.13	138	14.123	288	55.96	170
Feb. 9	15	34.910	108	11.59	154	13.871	252	53.85	211
19	14	34.828	82	9.97	162	13.667	204	51.44	241
März 1	13	34.776	52	8.33	164	13.523	144	48.82	262
11	13	34.761	15	6.76	157	13.447	76	46.10	272
21	12	34.788	27	5.33	143	13.447	0	43.40	270
31	11	34.859	71	4.12	121	13.526	79	40.83	257
Apr. 10	11	34.977	118	3.19	93	13.685	159	38.49	234
20	10	35.142	165	2.59	60	13.922	237	36.48	201
30	9	35.351	209	2.35	24	14.229	307	34.87	161
Mai 10	9	35.601	250	2.50	15	14.600	371	33.73	114
20	8	35.885	284	3.05	55	15.023	423	33.09	64
30	7	36.196	311	3.98	93	15.486	463	32.98	11
Juni 9	7	36.527	331	5.27	129	15.976	490	33.40	42
19	6	36.868	341	6.89	162	16.479	503	34.34	94
29	6	37.210	342	8.81	192	16.981	502	35.77	143
Juli 9	5	37.545	335	10.95	214	17.468	487	37.66	189
19	4	37.864	319	13.27	232	17.929	461	39.95	229
29	4	38.159	295	15.72	245	18.353	424	42.59	264
Aug. 8	3	38.424	265	18.23	251	18.731	378	45.53	294
18	2	38.655	231	20.76	253	19.055	324	48.69	316
28	2	38.846	191	23.24	248	19.321	266	52.00	331
Sept. 7	1	38.997	151	25.64	240	19.524	203	55.41	341
17	0	39.107	110	27.90	226	19.663	139	58.83	342
27	0	39.177	70	29.99	209	19.739	76	62.21	338
Okt. 6	23	39.208	31	31.88	189	19.752	13	65.47	326
16	22	39.204	4	33.54	166	19.706	46	68.55	308
26	22	39.169	35	34.94	140	19.604	102	71.38	283
Nov. 5	21	39.106	63	36.07	113	19.451	153	73.90	252
15	20	39.020	86	36.91	84	19.252	199	76.04	214
25	20	38.914	106	37.44	53	19.012	240	77.75	171
Dez. 5	19	38.793	121	37.66	22	18.739	273	78.99	124
15	18	38.661	132	37.55	11	18.441	298	79.70	71
25	18	38.522	139	37.13	42	18.126	315	79.88	18
35	17	38.381	141	36.40	73	17.804	322	79.52	36
Mittl. Ort		36.601		14.77		16.253		49.72	
sec δ, tg δ		1.140		+0.547		1.928		+1.648	

Welt-Zeit	h	3) ε Phoenicis AR.	Diff.	Dekl.	Diff.	7) γ Pegasi AR.	Diff.	Dekl.	Diff.
1927		0h 5m		−46° 8′		0h 9m		+14° 46′	
Jan. 0	17	41.202		83.59		27.286		36.84	
10	17	41.010	192	83.26	33	27.167	119	36.01	83
20	16	40.833	177	82.47	79	27.054	113	35.07	94
30	15	40.678	155	81.24	123	26.950	104	34.06	101
Feb. 9	15	40.549	129	79.60	164	26.861	89	33.01	105
19	14	40.453	96	77.59	201	26.793	68	31.99	102
März 1	13	40.394	59	75.26	233	26.751	42	31.04	95
11	13	40.377	17	72.66	260	26.740	11	30.22	82
21	12	40.407	30	69.83	283	26.766	26	29.58	64
31	11	40.485	78	66.84	299	26.832	66	29.17	41
Apr. 10	11	40.615	130	63.75	309	26.940	108	29.03	14
20	10	40.797	182	60.62	313	27.089	149	29.20	17
30	9	41.030	233	57.51	311	27.280	191	29.68	48
Mai 10	9	41.309	279	54.49	302	27.509	229	30.47	79
20	8	41.632	323	51.63	286	27.770	261	31.58	111
30	7	41.991	359	48.99	264	28.058	288	32.96	138
Juni 9	7	42.377	386	46.63	236	28.366	308	34.60	164
19	6	42.782	405	44.62	201	28.685	319	36.45	185
29	6	43.196	414	43.00	162	29.007	322	38.46	201
Juli 9	5	43.608	412	41.81	119	29.323	316	40.58	212
19	4	44.006	398	41.08	73	29.626	303	42.75	217
29	4	44.381	375	40.84	24	29.909	283	44.92	217
Aug. 8	3	44.723	342	41.07	23	30.165	256	47.04	212
18	2	45.023	300	41.76	69	30.389	224	49.07	203
28	2	45.275	252	42.89	113	30.577	188	50.96	189
Sept. 7	1	45.473	198	44.41	152	30.728	151	52.69	173
17	0	45.615	142	46.25	184	30.840	112	54.22	153
27	0	45.699	84	48.34	209	30.915	75	55.54	132
Okt. 6	23	45.727	28	50.60	226	30.954	39	56.63	109
16	22	45.703	24	52.92	232	30.961	7	57.50	87
26	22	45.631	72	55.21	229	30.938	23	58.15	65
Nov. 5	21	45.518	113	57.37	216	30.891	47	58.57	42
15	20	45.372	146	59.31	194	30.823	68	58.77	20
25	20	45.200	172	60.95	164	30.737	86	58.76	1
Dez. 5	19	45.011	189	62.23	128	30.639	98	58.55	21
15	18	44.812	199	63.09	86	30.530	109	58.16	39
25	18	44.612	200	63.50	41	30.416	114	57.59	57
35	17	44.416	196	63.43	7	30.300	116	56.86	73
Mittl. Ort		42.573		61.33		28.445		39.70	
sec δ, tg δ		1.444		−1.041		1.034		+0.264	

Welt-Zeit		9) ι Ceti AR.		9) ι Ceti Dekl.		10) ζ Tucanae AR.		10) ζ Tucanae Dekl.		11) β Hydri AR.		11) β Hydri Dekl.		12) α Phoenicis AR.		12) α Phoenicis Dekl.	
1927		0h 15m		−9° 13′		0h 16m		−65° 17′		0h 21m		−77° 39′		0h 22m		−42° 41′	
Jan. 0	18h	41.358		54.18		15.19		99.87		54.90		82.27		39.519		90.82	
10	17	41.247	111	54.73	55	14.80	39	99.09	78	54.03	87	81.26	101	39.336	183	90.74	8
20	16	41.141	106	55.13	40	14.44	36	97.76	133	53.22	81	79.66	160	39.163	173	90.21	53
30	16	41.044	97	55.37	24	14.11	33	95.90	186	52.49	73	77.52	214	39.006	157	89.25	96
Feb. 9	15	40.961	83	55.42	5	13.84	27	93.57	233	51.85	64	74.90	262	38.870	136	87.87	138
			64		14		22		274		51		303		108		176
19	14	40.897		55.28		13.62		90.83		51.34		71.87		38.762		86.11	
März 1	14	40.858	39	54.92	36	13.47	15	87.75	308	50.95	39	68.51	336	38.686	76	84.02	209
11	13	40.847	11	54.34	58	13.38	9	84.40	335	50.71	24	64.90	361	38.649	37	81.62	240
21	12	40.869	22	53.52	82	13.38	0	80.86	354	50.62	9	61.13	377	38.654	5	78.97	265
31	12	40.929	60	52.46	106	13.45	7	77.20	366	50.68	6	57.28	385	38.706	52	76.13	284
			100		129		15		370		22		385		102		298
Apr. 10	11	41.029		51.17		13.60		73.50		50.90		53.43		38.808		73.15	
20	10	41.169	140	49.65	152	13.84	24	69.85	365	51.27	37	49.67	376	38.960	152	70.09	306
30	10	41.349	180	47.93	172	14.15	31	66.30	355	51.80	53	46.07	360	39.162	202	67.00	309
Mai 10	9	41.566	217	46.04	189	14.54	39	62.95	335	52.46	66	42.71	336	39.411	249	63.97	303
20	8	41.817	251	44.02	202	15.00	46	59.87	308	53.25	79	39.67	304	39.703	292	61.04	293
			278		211		52		276		90		267		330		274
30	8	42.095		41.91		15.52		57.11		54.15		37.00		40.033		58.30	
Juni 9	7	42.395	300	39.76	215	16.09	57	54.75	236	55.15	100	34.78	222	40.393	360	55.80	250
19	6	42.708	313	37.63	213	16.69	60	52.84	191	56.21	106	33.05	173	40.774	381	53.61	219
29	6	43.028	320	35.57	206	17.31	62	51.43	141	57.32	111	31.85	120	41.166	392	51.78	183
Juli 9	5	43.344	316	33.63	194	17.93	62	50.54	89	58.44	112	31.21	64	41.560	394	50.35	143
			305		176		61		34		110		7		385		98
19	4	43.649		31.87		18.54		50.20		59.54		31.14		41.945		49.37	
29	4	43.937	288	30.32	155	19.12	58	50.42	22	60.60	106	31.65	51	42.310	365	48.85	52
Aug. 8	3	44.200	263	29.02	130	19.65	53	51.19	77	61.58	98	32.72	107	42.648	338	48.81	4
18	2	44.432	232	28.00	102	20.13	48	52.47	128	62.45	87	34.31	159	42.949	301	49.24	43
28	2	44.629	197	27.27	73	20.53	40	54.21	174	63.20	75	36.37	206	43.206	257	50.12	88
			160		43		32		215		59		245		209		128
Sept. 7	1	44.789		26.84		20.85		56.36		63.79		38.82		43.415		51.40	
17	0	44.910	121	26.70	14	21.08	23	58.84	248	64.21	42	41.58	276	43.572	157	53.04	164
27	0	44.993	83	26.82	12	21.21	13	61.54	270	64.44	23	44.54	296	43.676	104	54.97	193
Okt. 6	23	45.040	47	27.17	35	21.24	3	64.37	283	64.48	4	47.59	305	43.728	52	57.10	213
16	22	45.053	13	27.72	55	21.19	5	67.21	284	64.34	14	50.62	303	43.730	2	59.34	224
			18		71		14		273		32		287		44		226
26	22	45.035		28.43		21.05		69.94		64.02		53.49		43.686		61.60	
Nov. 5	21	44.992	43	29.25	82	20.83	22	72.44	250	63.54	48	56.10	261	43.602	84	63.78	218
15	21	44.928	64	30.13	88	20.55	28	74.63	219	62.92	62	58.32	222	43.485	117	65.78	200
25	20	44.846	82	31.02	89	20.21	34	76.39	176	62.18	74	60.07	175	43.340	145	67.54	176
Dez. 5	19	44.752	94	31.90	88	19.84	37	77.66	127	61.36	82	61.28	121	43.176	164	68.97	143
			103		81		40		73		87		61		177		105
15	19	44.649		32.71		19.44		78.39		60.49		61.89		42.999		70.02	
25	18	44.541	108	33.44	73	19.04	40	78.55	16	59.59	90	61.88	1	42.815	184	70.65	63
35	17	44.431	110	34.05	61	18.65	39	78.11	44	58.71	88	61.23	65	42.632	183	70.83	18
Mittl. Ort		42.511		42.82		16.63		74.02		56.55		55.25		40.698		69.19	
sec δ, tg δ		1.013		−0.162		2.393		−2.175		4.681		−4.573		1.361		−0.923	

Welt-Zeit		13) 12 Ceti				17) ζ Cassiopeiae				18) π Andromedae				20) δ Andromedae			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927		$0^h\ 26^m$		$-4^\circ\ 21'$		$0^h\ 32^m$		$+53^\circ\ 29'$		$0^h\ 32^m$		$+33^\circ\ 18'$		$0^h\ 35^m$		$+30^\circ\ 27'$	
Jan. 0	18^h	$17^s.719$		$47''.68$		$52^s.625$		$52''.08$		$57^s.583$		$66''.98$		$24^s.148$		$44''.83$	
10	17	17.607	112	48.31	63	52.355	270	51.63	45	57.425	158	66.30	68	23.997	151	44.15	68
20	16	17.498	109	48.84	53	52.086	269	50.70	93	57.265	160	65.32	98	23.846	151	43.20	95
30	16	17.396	102	49.25	41	51.828	258	49.31	139	57.112	153	64.07	125	23.701	145	42.01	119
Feb. 9	15	17.306	90	49.51	26	51.594	234	47.54	177	56.974	138	62.61	146	23.568	133	40.62	139
19	14	17.234	72	49.61	10	51.394	200	45.45	209	56.857	117	61.00	161	23.456	112	39.11	151
März 1	14	17.185	49	49.52	— 9	51.240	154	43.13	232	56.770	87	59.30	170	23.372	84	37.54	157
11	13	17.164	21	49.22	30	51.140	100	40.69	244	56.719	51	57.61	169	23.323	49	35.98	156
21	12	17.176	— 12	48.69	53	51.104	36	38.23	246	56.711	8	56.00	161	23.314	9	34.52	146
31	12	17.225	49	47.93	76	51.136	— 32	35.86	237	56.750	— 39	54.55	145	23.352	— 38	33.22	130
Apr. 10	11	17.313	88	46.92	101	51.238	102	33.67	219	56.839	89	53.33	122	23.437	85	32.15	107
20	11	17.443	130	45.67	125	51.411	173	31.76	191	56.979	140	52.40	93	23.572	135	31.37	78
30	10	17.613	170	44.20	147	51.652	241	30.20	156	57.168	189	51.82	58	23.755	183	30.92	45
Mai 10	9	17.821	208	42.52	168	51.953	301	29.06	114	57.403	235	51.61	21	23.983	228	30.84	8
20	9	18.064	243	40.67	185	52.308	355	28.37	69	57.678	275	51.79	— 18	24.250	267	31.14	— 30
30	8	18.335	271	38.69	198	52.706	398	28.17	20	57.986	308	52.37	58	24.551	301	31.82	68
Juni 9	7	18.629	294	36.62	207	53.135	429	28.46	— 29	58.319	333	53.34	97	24.876	325	32.86	104
19	7	18.939	310	34.52	210	53.584	449	29.24	78	58.668	349	54.67	133	25.217	341	34.24	138
29	6	19.255	316	32.44	208	54.041	457	30.48	124	59.024	356	56.32	165	25.566	349	35.92	168
Juli 9	5	19.569	314	30.44	200	54.491	450	32.15	167	59.377	353	58.25	193	25.912	346	37.87	195
19	5	19.875	306	28.56	188	54.926	435	34.22	207	59.718	341	60.42	217	26.248	336	40.02	215
29	4	20.164	289	26.85	171	55.334	408	36.62	240	60.040	322	62.77	235	26.565	317	42.33	231
Aug. 8	3	20.429	265	25.36	149	55.708	374	39.31	269	60.335	295	65.25	248	26.856	291	44.74	241
18	3	20.666	237	24.10	126	56.040	332	42.22	291	60.598	263	67.79	254	27.116	260	47.20	246
28	2	20.869	203	23.11	99	56.323	283	45.29	307	60.824	226	70.35	256	27.341	225	49.65	245
Sept. 7	1	21.037	168	22.40	71	56.555	232	48.46	317	61.011	187	72.88	253	27.527	186	52.05	240
17	1	21.167	130	21.96	44	56.733	178	51.66	320	61.158	147	75.32	244	27.674	147	54.35	230
27	0	21.260	93	21.78	18	56.856	123	54.84	318	61.263	105	77.63	231	27.782	108	56.52	217
Okt. 6	23	21.317	57	21.85	— 7	56.925	69	57.93	309	61.329	66	79.79	216	27.851	69	58.52	200
16	23	21.341	24	22.12	27	56.941	16	60.86	293	61.358	29	81.74	195	27.884	33	60.31	179
26	22	21.335	— 6	22.57	45	56.908	— 33	63.59	273	61.352	— 6	83.47	173	27.883	— 1	61.88	157
Nov. 5	21	21.304	31	23.16	59	56.828	80	66.05	246	61.314	38	84.93	146	27.851	32	63.20	132
15	21	21.249	55	23.84	68	56.705	123	68.18	213	61.248	66	86.12	119	27.792	59	64.25	105
25	20	21.177	72	24.59	75	56.542	163	69.94	176	61.157	91	87.00	88	27.708	84	65.01	76
Dez. 5	19	21.091	86	25.36	77	56.346	196	71.28	134	61.045	112	87.56	56	27.604	104	65.47	46
15	19	20.993	98	26.12	76	56.120	226	72.15	87	60.915	130	87.78	22	27.483	121	65.62	15
25	18	20.888	105	26.84	72	55.872	248	72.53	38	60.771	144	87.67	— 11	27.348	135	65.45	— 17
35	17	20.780	108	27.50	66	55.610	262	72.42	— 11	60.618	153	87.21	46	27.204	144	64.98	47
Mittl. Ort		18.800		37.98		53.615		43.30		58.596		63.72		25.149		42.48	
sec δ, tg δ		1.003		−0.076		1.681		+1.351		1.197		+0.657		1.160		+0.588	

Welt-Zeit		21) α Cassiopeiae				22) β Ceti				25) ο Cassiopeiae				24) 21 Cassiopeiae			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927		$0^h 36^m$		$+56° 7'$		$0^h 39^m$		$-18° 22'$		$0^h 40^m$		$+47° 52'$		$0^h 40^m$		$+74° 35'$	
Jan. 0	18^h	$20^s.185$		83.41″		54.549		88.05		37.955		73.62		46.84		33.98	
10	17	19.889	296	83.03	38	54.425	124	88.54	49	37.729	226	73.17	45	46.10	74	34.03	$\underline{5}$
20	17	19.594	295	82.17	86	54.303	122	88.78	$\underline{24}$	37.501	228	72.29	88	45.36	74	33.46	57
30	16	19.310	284	80.83	134	54.188	115	88.76	2	37.281	220	71.00	129	44.65	71	32.31	115
Feb. 9	15	19.050	260	79.07	176	54.083	105	88.47	29	37.078	203	69.36	164	44.00	65	30.62	169
			223		210		87		56		175		192		57		216
19	15	18.827		76.97		53.996		87.91		36.903		67.44		43.43		28.46	
März 1	14	18.652	175	74.62	235	53.931	65	87.08	83	36.766	137	65.32	212	42.98	45	25.93	253
11	13	18.536	116	72.13	249	53.894	37	85.99	109	36.675	91	63.09	223	42.65	33	23.13	280
21	13	18.488	48	69.59	254	53.890	$\underline{4}$	84.63	136	36.639	$\underline{36}$	60.86	223	42.47	18	20.19	294
31	12	18.513	25	67.12	247	53.924	34	83.04	159	36.663	24	58.72	214	42.44	$\underline{3}$	17.22	297
			100		230		75		183		87		196		13		287
Apr. 10	11	18.613		64.82		53.999		81.21		36.750		56.76		42.57		14.35	
20	11	18.789	176	62.79	203	54.116	117	79.19	202	36.900	150	55.07	169	42.86	29	11.68	267
30	10	19.036	247	61.10	169	54.276	160	77.01	218	37.111	211	53.73	134	43.29	43	9.33	235
Mai 10	9	19.349	313	59.82	128	54.476	200	74.70	231	37.379	268	52.78	95	43.85	56	7.36	197
20	9	19.719	370	59.00	82	54.713	237	72.31	239	37.696	317	52.26	52	44.52	67	5.85	151
			416		33		270		240		358		6		76		100
30	8	20.135		58.67		54.983		69.91		38.054		52.20		45.28		4.85	
Juni 9	7	20.585	450	58.83	16	55.279	296	67.53	238	38.442	388	52.60	40	46.11	83	4.39	$\underline{46}$
19	7	21.056	471	59.49	66	55.593	314	65.25	228	38.851	409	53.46	86	46.98	87	4.48	9
29	6	21.536	480	60.64	115	55.918	325	63.12	213	39.268	417	54.75	129	47.87	89	5.12	64
Juli 9	5	22.012	476	62.23	159	56.245	327	61.19	193	39.683	415	56.43	168	48.75	88	6.29	117
			459		200		320		168		402		204		86		167
19	5	22.471		64.23		56.565		59.51		40.085		58.47		49.61		7.96	
29	4	22.904	433	66.59	236	56.872	307	58.13	138	40.465	380	60.81	234	50.41	80	10.10	214
Aug. 8	3	23.301	397	69.25	266	57.157	285	57.08	105	40.815	350	63.40	259	51.15	74	12.65	255
18	3	23.654	353	72.16	291	57.414	257	56.37	71	41.128	313	66.18	278	51.81	66	15.56	291
28	2	23.957	303	75.26	310	57.638	224	56.02	35	41.399	271	69.10	292	52.37	56	18.77	321
			248		321		187		0		225		298		47		343
Sept. 7	1	24.205		78.47		57.825		56.02		41.624		72.08		52.84		22.20	
17	1	24.397	192	81.73	326	57.974	149	56.36	34	41.801	177	75.08	300	53.19	35	25.80	360
27	0	24.531	134	84.99	326	58.084	110	56.99	63	41.930	129	78.03	295	53.42	23	29.49	369
Okt. 7	0	24.608	77	88.18	319	58.156	72	57.88	89	42.011	81	80.88	285	53.54	$\underline{12}$	33.20	371
16	23	24.629	$\underline{21}$	91.23	305	58.191	35	58.97	109	42.045	$\underline{34}$	83.58	270	53.53	1	36.84	364
			33		285		2		124		11		249		13		350
26	22	24.596		94.08		58.193		60.21		42.034		86.07		53.40		40.34	
Nov. 5	22	24.512	84	96.67	259	58.165	28	61.52	131	41.983	51	88.31	224	53.17	23	43.62	328
15	21	24.381	131	98.94	227	58.112	53	62.84	132	41.894	89	90.24	193	52.82	35	46.60	298
25	20	24.207	174	100.83	189	58.037	75	64.12	128	41.769	125	91.81	157	52.36	46	49.20	260
Dez. 5	20	23.994	213	102.29	146	57.946	91	65.30	118	41.613	156	93.00	119	51.82	54	51.34	214
			245		100		105		102		182		76		62		163
15	19	23.749		103.29		57.841		66.32		41.431		93.76		51.20		52.97	
25	18	23.480	269	103.78	$\underline{49}$	57.727	114	67.16	84	41.228	203	94.08	$\underline{32}$	50.51	69	54.03	106
35	18	23.194	286	103.75	3	57.607	120	67.78	62	41.011	217	93.94	14	49.79	72	54.49	46
Mittl. Ort		21.144		74.05		55.552		73.49		38.902		66.23		47.64		21.51	
sec δ, tg δ		1.795		+1.490		1.054		−0.332		1.491		+1.106		3.763		+3.628	

Welt-Zeit		27) ζ Andromedae				32) γ Cassiopeiae				33) μ Andromedae				35) α Sculptoris			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927		$0^h\ 43^m$		$+23°\ 52'$		$0^h\ 52^m$		$+60°\ 19'$		$0^h\ 52^m$		$+38°\ 6'$		$0^h\ 55^m$		$-29°\ 44'$	
Jan. 0	18^h	$26^s.927$		$13''.28$		$16^s.43$		$28''.55$		$40^s.777$		$18''.13$		$4^s.440$		$84''.83$	
10	17	26.791	136	12.62	66	16.09	34	28.46	9	40.602	175	17.68	45	4.292	148	85.25	42
20	17	26.654	137	11.75	87	15.74	35	27.84	62	40.422	180	16.87	81	4.145	147	85.31	6
30	16	26.520	134	10.71	104	15.40	34	26.70	114	40.245	177	15.74	113	4.002	143	85.01	30
Feb. 9	15	26.396	124	9.54	117	15.08	32	25.11	159	40.080	165	14.34	140	3.871	131	84.34	67
			106		125		28		199		146		160		115		102
19	15	26.290		8.29		14.80		23.12		39.934		12.74		3.756		83.32	
März 1	14	26.208	82	7.03	126	14.57	23	20.82	230	39.817	117	10.99	175	3.665	91	81.96	136
11	13	26.158	50	5.81	122	14.41	16	18.32	250	39.738	79	9.18	181	3.602	63	80.30	166
21	13	26.145	13	4.71	110	14.32	9	15.72	260	39.702	36	7.39	179	3.575	27	78.35	195
31	12	26.174	29	3.78	93	14.31	1	13.14	258	39.717	15	5.72	167	3.588	13	76.14	221
			74		70		7		247		68		149		56		242
Apr. 10	11	26.248		3.08		14.38		10.67		39.785		4.23		3.644		73.72	
20	11	26.370	122	2.65	43	14.54	16	8.42	225	39.908	123	3.00	123	3.745	101	71.13	259
30	10	26.537	167	2.54	11	14.79	25	6.48	194	40.085	177	2.09	91	3.892	147	68.42	271
Mai 10	10	26.748	211	2.76	22	15.11	32	4.92	156	40.312	227	1.54	55	4.084	192	65.64	278
20	9	26.998	250	3.33	57	15.50	39	3.80	112	40.584	272	1.38	16	4.318	234	62.85	279
			283		90		44		65		311		25		271		274
30	8	27.281		4.23		15.94		3.15		40.895		1.63		4.589		60.11	
Juni 9	8	27.589	308	5.44	121	16.43	49	3.01	14	41.235	340	2.28	65	4.890	301	57.49	262
19	7	27.914	325	6.95	151	16.94	51	3.37	36	41.595	360	3.32	104	5.215	325	55.05	244
29	6	28.247	333	8.70	175	17.46	52	4.22	85	41.966	371	4.71	139	5.554	339	52.85	220
Juli 9	6	28.581	334	10.65	195	17.99	53	5.55	133	42.338	372	6.44	173	5.900	346	50.95	190
			325		210		52		177		364		201		343		156
19	5	28.906		12.75		18.51		7.32		42.702		8.45		6.243		49.39	
29	4	29.214	308	14.95	220	19.00	49	9.49	217	43.049	347	10.68	223	6.574	331	48.22	117
Aug. 8	4	29.500	286	17.20	225	19.46	46	12.00	251	43.371	322	13.10	242	6.886	312	47.47	75
18	3	29.757	257	19.45	225	19.87	41	14.80	280	43.663	292	15.63	253	7.170	284	47.14	33
28	2	29.981	224	21.64	219	20.23	36	17.83	303	43.919	256	18.24	261	7.422	252	47.24	10
			188		210		30		320		217		263		214		51
Sept. 7	2	30.169		23.74		20.53		21.03		44.136		20.87		7.636		47.75	
17	1	30.320	151	25.71	197	20.77	24	24.33	330	44.313	177	23.46	259	7.809	173	48.64	89
27	0	30.433	113	27.52	181	20.95	18	27.67	334	44.448	135	25.96	250	7.940	131	49.87	123
Okt. 7	0	30.511	78	29.15	163	21.06	11	30.99	332	44.542	94	28.35	239	8.028	88	51.37	150
16	23	30.554	43	30.57	142	21.11	5	34.21	322	44.596	54	30.57	222	8.075	47	53.08	171
			10		120		1		306		17		201		9		182
26	22	30.564		31.77		21.10		37.27		44.613		32.58		8.084		54.90	
Nov. 5	22	30.545	19	32.74	97	21.03	7	40.11	284	44.594	19	34.36	178	8.058	26	56.77	187
15	21	30.501	44	33.48	74	20.90	13	42.65	254	44.543	51	35.87	151	8.001	57	58.60	183
25	20	30.433	68	33.96	48	20.72	18	44.83	218	44.462	81	37.07	120	7.918	83	60.30	170
Dez. 5	20	30.344	89	34.20	24	20.50	22	46.60	177	44.355	107	37.95	88	7.813	105	61.81	151
			105		2		27		131		132		53		121		126
15	19	30.239		34.18		20.23		47.91		44.223		38.48		7.692		63.07	
25	18	30.120	119	33.92	26	19.92	31	48.71	80	44.072	151	38.64	16	7.557	135	64.04	97
35	18	29.991	129	33.42	50	19.59	33	48.97	26	43.907	165	38.43	21	7.414	143	64.66	62
Mittl. Ort		27.889		13.10		17.25		18.39		41.668		13.49		5.325		66.70	
sec δ, tg δ		1.093		+0.442		2.020		+1.755		1.271		+0.784		1.152		−0.572	

Welt-Zeit		36) ε Piscium AR.		36) ε Piscium Dekl.		38) β Phoenicis AR.		38) β Phoenicis Dekl.	
1927		0h 59m		+7° 29′		1h 2m		−47° 6′	
Jan. 0	18h	8.252 s	116	45.47″	66	48.865 s	220	57.14″	22
10	18	8.136	120	44.81	68	48.645	220	57.36	— 28
20	17	8.016	120	44.13	68	48.425	211	57.08	77
30	16	7.896	113	43.45	65	48.214	195	56.31	125
Feb. 9	16	7.783	100	42.80	58	48.019	173	55.06	168
19	15	7.683	80	42.22	48	47.846	142	53.38	209
März 1	14	7.603	54	41.74	33	47.704	106	51.29	244
11	14	7.549	22	41.41	17	47.598	62	48.85	274
21	13	7.527	— 15	41.24	— 4	47.536	14	46.11	298
31	12	7.542	57	41.28	28	47.522	— 40	43.13	317
Apr. 10	12	7.599	99	41.56	53	47.562	95	39.96	329
20	11	7.698	143	42.09	80	47.657	150	36.67	335
30	10	7.841	184	42.89	105	47.807	207	33.32	332
Mai 10	10	8.025	223	43.94	130	48.014	258	30.00	324
20	9	8.248	255	45.24	152	48.272	304	26.76	307
30	8	8.503	283	46.76	171	48.576	344	23.69	283
Juni 9	8	8.786	301	48.47	185	48.920	376	20.86	254
19	7	9.087	313	50.32	196	49.296	397	18.32	216
29	6	9.400	317	52.28	201	49.693	409	16.16	175
Juli 9	6	9.717	312	54.29	200	50.102	410	14.41	129
19	5	10.029	299	56.29	196	50.512	399	13.12	78
29	4	10.328	281	58.25	185	50.911	379	12.34	27
Aug. 8	4	10.609	256	60.10	171	51.290	349	12.07	25
18	3	10.865	227	61.81	153	51.639	311	12.32	75
28	2	11.092	194	63.34	133	51.950	265	13.07	123
Sept. 7	2	11.286	161	64.67	110	52.215	215	14.30	165
17	1	11.447	125	65.77	88	52.430	160	15.95	201
27	1	11.572	91	66.65	65	52.590	105	17.96	228
Okt. 7	0	11.663	59	67.30	43	52.695	50	20.24	245
16	23	11.722	28	67.73	23	52.745	— 2	22.69	254
26	23	11.750	0	67.96	4	52.743	50	25.23	250
Nov. 5	22	11.750	24	68.00	— 12	52.693	95	27.73	237
15	21	11.726	47	67.88	26	52.598	132	30.10	214
25	21	11.679	67	67.62	38	52.466	163	32.24	182
Dez. 5	20	11.612	84	67.24	48	52.303	187	34.06	144
15	19	11.528	98	66.76	56	52.116	205	35.50	99
25	19	11.430	108	66.20	61	51.911	215	36.49	51
35	18	11.322		65.59		51.696		37.00	
Mittl. Ort		9.135		51.00		49.625		34.52	
sec δ, tg δ		1.009		+0.132		1.469		−1.076	

Welt-Zeit		42) β Andromedae AR.		42) β Andromedae Dekl.		45) υ Piscium AR.		45) υ Piscium Dekl.	
1927		1h 5m		+35° 13′		1h 15m		+26° 52′	
Jan. 0	18h	37.483 s	163	65.99″	39	26.143 s	139	51.94″	43
10	18	37.320	170	65.60	71	26.004	148	51.51	67
20	17	37.150	171	64.89	100	25.856	150	50.84	87
30	16	36.979	162	63.89	125	25.706	146	49.97	104
Feb. 9	16	36.817	147	62.64	144	25.560	133	48.93	116
19	15	36.670	121	61.20	158	25.427	113	47.77	124
März 1	14	36.549	87	59.62	164	25.314	83	46.53	124
11	14	36.462	46	57.98	162	25.231	48	45.29	119
21	13	36.416	— 1	56.36	152	25.183	5	44.10	106
31	12	36.417	52	54.84	134	25.178	— 41	43.04	88
Apr. 10	12	36.469	106	53.50	111	25.219	90	42.16	65
20	11	36.575	159	52.39	80	25.309	140	41.51	36
30	10	36.734	209	51.59	47	25.449	186	41.15	6
Mai 10	10	36.943	254	51.12	10	25.635	230	41.09	— 27
20	9	37.197	294	51.02	— 27	25.865	269	41.36	60
30	8	37.491	325	51.29	66	26.134	298	41.96	92
Juni 9	8	37.816	347	51.95	102	26.432	322	42.88	123
19	7	38.163	360	52.97	135	26.754	336	44.11	149
29	6	38.523	363	54.32	166	27.090	341	45.60	173
Juli 9	6	38.886	359	55.98	192	27.431	338	47.33	191
19	5	39.245	344	57.90	213	27.769	327	49.24	205
29	4	39.589	322	60.03	229	28.096	309	51.29	214
Aug. 8	4	39.911	296	62.32	239	28.405	284	53.43	218
18	3	40.207	262	64.71	246	28.689	255	55.61	217
28	2	40.469	226	67.17	246	28.944	223	57.78	213
Sept. 7	2	40.695	188	69.63	242	29.167	187	59.91	203
17	1	40.883	149	72.05	234	29.354	152	61.94	191
27	1	41.032	110	74.39	222	29.506	116	63.85	175
Okt. 7	0	41.142	71	76.61	206	29.622	81	65.60	159
16	23	41.213	35	78.67	186	29.703	47	67.19	139
26	23	41.248	1	80.53	165	29.750	16	68.58	119
Nov. 5	22	41.249	— 32	82.18	140	29.766	— 14	69.77	96
15	21	41.217	62	83.58	112	29.752	42	70.73	73
25	21	41.155	89	84.70	82	29.710	67	71.46	49
Dez. 5	20	41.066	113	85.52	50	29.643	90	71.95	25
15	19	40.953	135	86.02	18	29.553	111	72.20	— 2
25	19	40.818	151	86.20	— 17	29.442	127	72.18	26
35	18	40.667		86.03		29.315		71.92	
Mittl. Ort		38.304		62.26		26.923		50.88	
sec δ, tg δ		1.224		+0.706		1.121		+0.507	

Welt-Zeit		47) ϑ Ceti AR.		47) ϑ Ceti Dekl.		48) δ Cassiopeiae AR.		48) δ Cassiopeiae Dekl.		50) η Piscium AR.		50) η Piscium Dekl.		51) 40 Cassiopeiae AR.		51) 40 Cassiopeiae Dekl.	
1927		1h 20m		−8° 33′		1h 20m		+59° 51′		1h 27m		+14° 58′		1h 32m		+72° 39′	
Jan. 0	19h	21.686s	117	45.72″	70	60.862s	324	33.24″	25	33.679s	119	8.82″	53	38.55s	61	79.46″	72
10	18	21.569	124	46.42	54	60.538	341	33.49	$\overline{27}$	33.560	129	8.29	63	37.94	64	80.18	13
20	17	21.445	126	46.96	36	60.197	344	33.22	78	33.431	134	7.66	70	37.30	65	80.31	$\overline{47}$
30	17	21.319	123	47.32	16	59.853	332	32.44	126	33.297	132	6.96	75	36.65	63	79.84	104
Feb. 9	16	21.196	112	47.48	$\overline{5}$	59.521	304	31.18	168	33.165	123	6.21	76	36.02	59	78.80	156
19	15	21.084	96	47.43	27	59.217	262	29.50	203	33.042	107	5.45	74	35.43	51	77.24	201
März 1	15	20.988	72	47.16	51	58.955	205	27.47	229	32.935	82	4.71	66	34.92	42	75.23	238
11	14	20.916	43	46.65	74	58.750	137	25.18	245	32.853	51	4.05	55	34.50	30	72.85	264
21	13	20.873	7	45.91	99	58.613	59	22.73	250	32.802	13	3.50	38	34.20	18	70.21	278
31	13	20.866	32	44.92	123	58.554	$\overline{24}$	20.23	245	32.789	28	3.12	18	34.02	3	67.43	282
Apr. 10	12	20.898	75	43.69	146	58.578	111	17.78	229	32.817	74	2.94	$\overline{5}$	33.99	10	64.61	273
20	11	20.973	119	42.23	167	58.689	195	15.49	205	32.891	120	2.99	30	34.09	25	61.88	254
30	11	21.092	161	40.56	187	58.884	274	13.44	172	33.011	164	3.29	58	34.34	38	59.34	226
Mai 10	10	21.253	201	38.69	202	59.158	347	11.72	134	33.175	206	3.87	85	34.72	50	57.08	191
20	9	21.454	237	36.67	214	59.505	409	10.38	90	33.381	243	4.72	110	35.22	61	55.17	147
30	9	21.691	267	34.53	220	59.914	459	9.48	43	33.624	274	5.82	134	35.83	69	53.70	101
Juni 9	8	21.958	290	32.33	221	60.373	497	9.05	$\overline{4}$	33.898	298	7.16	156	36.52	75	52.69	50
19	7	22.248	306	30.12	217	60.870	520	9.09	53	34.196	314	8.72	172	37.27	80	52.19	1
29	7	22.554	314	27.95	207	61.390	529	9.62	99	34.510	321	10.44	184	38.07	82	52.20	53
Juli 9	6	22.868	314	25.88	192	61.919	526	10.61	144	34.831	321	12.28	193	38.89	83	52.73	104
19	6	23.182	306	23.96	172	62.445	510	12.05	184	35.152	312	14.21	195	39.72	80	53.77	151
29	5	23.488	291	22.24	147	62.955	483	13.89	221	35.464	298	16.16	193	40.52	77	55.28	196
Aug. 8	4	23.779	270	20.77	119	63.438	447	16.10	252	35.762	277	18.09	186	41.29	72	57.24	236
18	4	24.049	243	19.58	89	63.885	403	18.62	278	36.039	250	19.95	175	42.01	66	59.60	271
28	3	24.292	213	18.69	57	64.288	352	21.40	298	36.289	221	21.70	162	42.67	58	62.31	301
Sept. 7	2	24.505	181	18.12	26	64.640	296	24.38	312	36.510	190	23.32	144	43.25	49	65.32	324
17	2	24.686	145	17.86	$\overline{5}$	64.936	238	27.50	321	36.700	156	24.76	126	43.74	40	68.56	342
27	1	24.831	111	17.91	33	65.174	178	30.71	323	36.856	123	26.02	107	44.14	30	71.98	352
Okt. 7	0	24.942	78	18.24	56	65.352	116	33.94	318	36.979	90	27.09	86	44.44	20	75.50	356
17	0	25.020	46	18.80	76	65.468	55	37.12	307	37.069	60	27.95	67	44.64	9	79.06	352
26	23	25.066	16	19.56	90	65.523	6	40.19	290	37.129	30	28.62	48	44.73	2	82.58	340
Nov. 5	22	25.082	$\overline{12}$	20.46	100	65.517	65	43.09	267	37.159	1	29.10	29	44.71	13	85.98	321
15	22	25.070	36	21.46	104	65.452	123	45.76	236	37.160	24	29.39	12	44.58	23	89.19	293
25	21	25.034	58	22.50	103	65.329	177	48.12	199	37.136	48	29.51	$\overline{3}$	44.35	33	92.12	257
Dez. 5	20	24.976	78	23.53	98	65.152	226	50.11	157	37.088	71	29.48	18	44.02	43	94.69	215
15	20	24.898	95	24.51	89	64.926	269	51.68	111	37.017	90	29.30	32	43.59	50	96.84	165
25	19	24.803	107	25.40	77	64.657	304	52.79	59	36.927	107	28.98	44	43.09	58	98.49	110
35	18	24.696		26.17		64.353		53.38		36.820		28.54		42.51		99.59	
Mittl. Ort		22.432		34.61		61.441		23.43		34.403		11.77		38.68		67.75	
sec δ, tg δ		1.011		−0.151		1.991		+1.722		1.035		+0.267		3.357		+3.204	

Weit-Zeit		52) υ Persei AR.		52) υ Persei Dekl.		54) α Eridani AR.		54) α Eridani Dekl.		55) 43 Cassiopeiae AR.		55) 43 Cassiopeiae Dekl.		57) φ Persei AR.		57) φ Persei Dekl.	
1927		$1^h 33^m$		+48° 15′		$1^h 34^m$		−57° 36′		$1^h 36^m$		+67° 40′		$1^h 39^m$		+50° 19′	
Jan. 0	19^h	$29^s.452$	215	39″.36	12	$59^s.665$	316	50″.39	42	$54^s.19$	45	39″.64	65	$3^s.862$	226	25″.42	24
10	18	29.237	231	39.48	31	59.349	323	50.81	14	53.74	48	40.29	8	3.636	244	25.66	21
20	18	29.006	239	39.17	72	59.026	319	50.67	71	53.26	49	40.37	48	3.392	254	25.45	65
30	17	28.767	235	38.45	112	58.707	306	49.96	124	52.77	48	39.89	103	3.138	251	24.80	106
Feb. 9	16	28.532	219	37.33	145	58.401	283	48.72	174	52.29	44	38.86	152	2.887	236	23.74	141
19	16	28.313	193	35.88	172	58.118	249	46.98	221	51.85	40	37.34	195	2.651	209	22.33	171
März 1	15	28.120	154	34.16	192	57.869	207	44.77	261	51.45	32	35.39	228	2.442	170	20.62	194
11	14	27.966	106	32.24	202	57.662	156	42.16	296	51.13	23	33.11	253	2.272	119	18.68	206
21	14	27.860	48	30.22	205	57.506	97	39.20	323	50.90	14	30.58	265	2.153	61	16.62	210
31	13	27.812	13	28.17	197	57.409	34	35.97	345	50.76	2	27.93	268	2.092	4	14.52	205
Apr. 10	12	27.825	80	26.20	180	57.375	36	32.52	358	50.74	9	25.25	259	2.096	72	12.47	191
20	12	27.905	145	24.40	157	57.411	106	28.94	364	50.83	20	22.66	239	2.168	141	10.56	168
30	11	28.050	208	22.83	127	57.517	176	25.30	362	51.03	30	20.27	212	2.309	208	8.88	138
Mai 10	10	28.258	267	21.56	91	57.693	244	21.68	353	51.33	40	18.15	176	2.517	268	7.50	104
20	10	28.525	318	20.65	51	57.937	307	18.15	336	51.73	49	16.39	134	2.785	322	6.46	65
30	9	28.843	360	20.14	10	58.244	363	14.79	310	52.22	56	15.05	88	3.107	367	5.81	23
Juni 9	8	29.203	392	20.04	32	58.607	411	11.69	278	52.78	61	14.17	39	3.474	402	5.58	19
19	8	29.595	413	20.36	73	59.018	448	8.91	239	53.39	65	13.78	10	3.876	425	5.77	61
29	7	30.008	424	21.09	113	59.466	473	6.52	193	54.04	66	13.88	60	4.301	437	6.38	103
Juli 9	6	30.432	423	22.22	150	59.939	486	4.59	142	54.70	67	14.48	109	4.738	439	7.41	140
19	6	30.855	414	23.72	182	60.425	486	3.17	88	55.37	66	15.57	154	5.177	430	8.81	174
29	5	31.269	395	25.54	211	60.911	472	2.29	32	56.03	63	17.11	196	5.607	412	10.55	205
Aug. 8	4	31.664	368	27.65	234	61.383	445	1.97	26	56.66	59	19.07	233	6.019	385	12.60	231
18	4	32.032	335	29.99	253	61.828	409	2.23	82	57.25	54	21.40	266	6.404	352	14.91	251
28	3	32.367	297	32.52	266	62.237	359	3.05	134	57.79	48	24.06	294	6.756	314	17.42	266
Sept. 7	2	32.664	256	35.18	274	62.596	303	4.39	183	58.27	41	27.00	315	7.070	272	20.08	277
17	2	32.920	212	37.92	277	62.899	239	6.22	224	58.68	33	30.15	330	7.342	227	22.85	282
27	1	33.132	167	40.69	275	63.138	170	8.46	256	59.01	26	33.45	339	7.569	181	25.67	281
Okt. 7	0	33.299	121	43.44	267	63.308	100	11.02	279	59.27	18	36.84	341	7.750	134	28.48	275
17	0	33.420	76	46.11	255	63.408	31	13.81	290	59.45	10	40.25	336	7.884	86	31.23	265
26	23	33.496	31	48.66	238	63.439	37	16.71	289	59.55	1	43.61	324	7.970	39	33.88	249
Nov. 5	22	33.527	12	51.04	216	63.402	101	19.60	276	59.56	6	46.85	304	8.009	7	36.37	228
15	22	33.515	55	53.20	189	63.301	158	22.36	253	59.50	15	49.89	277	8.002	53	38.65	202
25	21	33.460	96	55.09	157	63.143	207	24.89	220	59.35	23	52.66	243	7.949	96	40.67	170
Dez. 5	21	33.364	134	56.66	122	62.936	250	27.09	178	59.12	31	55.09	201	7.853	137	42.37	135
15	20	33.230	167	57.88	83	62.686	282	28.87	129	58.81	36	57.10	153	7.716	174	43.72	95
25	19	33.063	196	58.71	41	62.404	304	30.16	75	58.45	42	58.63	101	7.542	205	44.67	53
35	19	32.867		59.12		62.100		30.91		58.03		59.64		7.337		45.20	
Mittl. Ort		30.051		32.27		59.898		26.27		54.47		28.69		4.409		17.91	
sec δ, tg δ		1.502		+1.121		1.867		−1.576		2.633		+2.435		1.566		+1.205	

Welt-Zeit		59) τ Ceti*) AR.		Dekl.		60) ο Piscium AR.		Dekl.	
1927	h	1h 40m s		−16° 18′ "		1h 41m s		+8° 47′ "	
Jan. 0	19	39.975	127	91.03	73	31.510	112	22.19	58
10	18	39.848	137	91.76	48	31.398	124	21.61	60
20	18	39.711	141	92.24	22	31.274	132	21.01	60
30	17	39.570	140	92.46	6	31.142	132	20.41	58
Feb. 9	16	39.430	132	92.40	35	31.010	125	19.83	54
19	16	39.298	117	92.05	63	30.885	112	19.29	45
März 1	15	39.181	95	91.42	91	30.773	90	18.84	35
11	14	39.086	66	90.51	118	30.683	61	18.49	20
21	14	39.020	31	89.33	145	30.622	26	18.29	2
31	13	38.989	9	87.88	170	30.596	14	18.27	19
Apr. 10	12	38.998	51	86.18	193	30.610	59	18.46	41
20	12	39.049	97	84.25	212	30.669	103	18.87	65
30	11	39.146	141	82.13	229	30.772	148	19.52	90
Mai 10	10	39.287	183	79.84	240	30.920	190	20.42	114
20	10	39.470	222	77.44	247	31.110	228	21.56	136
30	9	39.692	255	74.97	248	31.338	260	22.92	155
Juni 9	8	39.947	282	72.49	244	31.598	286	24.47	171
19	8	40.229	302	70.05	233	31.884	303	26.18	183
29	7	40.531	312	67.72	217	32.187	313	28.01	189
Juli 9	6	40.843	316	65.55	194	32.500	316	29.90	192
19	6	41.159	312	63.61	167	32.816	311	31.82	188
29	5	41.471	299	61.94	136	33.127	297	33.70	181
Aug. 8	4	41.770	281	60.58	101	33.424	280	35.51	168
18	4	42.051	256	59.57	65	33.704	256	37.19	153
28	3	42.307	227	58.92	27	33.960	228	38.72	133
Sept. 7	3	42.534	195	58.65	10	34.188	198	40.05	113
17	2	42.729	160	58.75	44	34.386	167	41.18	91
27	1	42.889	126	59.19	75	34.553	135	42.09	69
Okt. 7	1	43.015	91	59.94	101	34.688	103	42.78	47
17	0	43.106	56	60.95	122	34.791	73	43.25	28
26	23	43.162	25	62.17	135	34.864	43	43.53	9
Nov. 5	23	43.187	5	63.52	141	34.907	15	43.62	7
15	22	43.182	33	64.93	142	34.922	12	43.55	20
25	21	43.149	58	66.35	136	34.910	36	43.35	32
Dez. 5	21	43.091	80	67.71	123	34.874	60	43.03	40
15	20	43.011	100	68.94	107	34.814	81	42.63	48
25	19	42.911	116	70.01	86	34.733	99	42.15	54
35	19	42.795		70.87		34.634		41.61	
Mittl. Ort		40.591		77.39		32.157		27.23	
sec δ, tg δ		1.042		−0.293		1.012		+0.155	

Welt-Zeit		61) Lac. ε Sculptoris AR.		Dekl.		62) ζ Ceti AR.		Dekl.	
1927	h	1h 42m s		−25° 24′ "		1h 47m s		−10° 41′ "	
Jan. 0	19	13.025	139	78.38	79	50.797	116	54.08	78
10	18	12.886	149	79.17	46	50.681	128	54.86	59
20	18	12.737	154	79.63	10	50.553	134	55.45	39
30	17	12.583	152	79.73	25	50.419	136	55.84	15
Feb. 9	16	12.431	143	79.48	60	50.283	130	55.99	8
19	16	12.288	128	78.88	95	50.153	116	55.91	32
März 1	15	12.160	105	77.93	128	50.037	97	55.59	57
11	14	12.055	75	76.65	159	49.940	69	55.02	83
21	14	11.980	39	75.06	188	49.871	35	54.19	107
31	13	11.941	2	73.18	213	49.836	4	53.12	133
Apr. 10	12	11.943	46	71.05	236	49.840	46	51.79	156
20	12	11.989	93	68.69	253	49.886	91	50.23	178
30	11	12.082	140	66.16	267	49.977	135	48.45	196
Mai 10	10	12.222	185	63.49	275	50.112	177	46.49	212
20	10	12.407	225	60.74	276	50.289	215	44.37	222
30	9	12.632	261	57.98	272	50.504	250	42.15	229
Juni 9	8	12.893	291	55.26	260	50.754	277	39.86	230
19	8	13.184	312	52.66	243	51.031	297	37.56	224
29	7	13.496	326	50.23	220	51.328	309	35.32	214
Juli 9	6	13.822	331	48.03	190	51.637	314	33.18	197
19	6	14.153	329	46.13	155	51.951	311	31.21	175
29	5	14.482	317	44.58	117	52.262	300	29.46	150
Aug. 8	4	14.799	299	43.41	75	52.562	283	27.96	119
18	4	15.098	275	42.66	33	52.845	261	26.77	87
28	3	15.373	245	42.33	11	53.106	234	25.90	53
Sept. 7	3	15.618	211	42.44	52	53.340	203	25.37	19
17	2	15.829	174	42.96	90	53.543	171	25.18	14
27	1	16.003	137	43.86	123	53.714	139	25.32	43
Okt. 7	1	16.140	99	45.09	150	53.853	105	25.75	70
17	0	16.239	62	46.59	170	53.958	73	26.45	91
26	23	16.301	27	48.29	183	54.031	41	27.36	107
Nov. 5	23	16.328	6	50.12	185	54.072	13	28.43	117
15	22	16.322	37	51.97	182	54.085	15	29.60	121
25	21	16.285	64	53.79	169	54.070	41	30.81	119
Dez. 5	21	16.221	89	55.48	151	54.029	65	32.00	113
15	20	16.132	110	56.99	126	53.964	85	33.13	102
25	19	16.022	127	58.25	97	53.879	103	34.15	87
35	19	15.895		59.22		53.776		35.02	
Mittl. Ort		13.568		62.08		51.369		42.50	
sec δ, tg δ		1.107		−0.475		1.018		−0.189	

*) Die jährliche Parallaxe (0.″31) ist bereits berücksichtigt

Welt-Zeit		64) α Trianguli AR.		Dekl.		63) ε Cassiopeiae AR.		Dekl.		65) ξ Piscium AR.		Dekl.		66) β Arietis AR.		Dekl.	
1927		1h 48m		+29° 13′		1h 49m		+63° 18′		1h 49m		+2° 49′		1h 50m		+20° 26′	
	h	s		"		s		"		s		"		s		"	
Jan. 0	19	54.279	136	27.55	19	7.08	36	51.26	69	45.858	109	32.58	65	35.561	120	65.49	35
10	18	54.143	152	27.36	43	6.72	38	51.95	15	45.749	123	31.93	60	35.441	135	65.14	51
20	18	53.991	161	26.93	66	6.34	40	52.10	39	45.626	130	31.33	54	35.306	144	64.63	64
30	17	53.830	164	26.27	85	5.94	40	51.71	90	45.496	133	30.79	45	35.162	147	63.99	74
Feb. 9	17	53.666	157	25.42	102	5.54	38	50.81	137	45.363	128	30.34	35	35.015	142	63.25	82
19	16	53.509	141	24.40	114	5.16	33	49.44	178	45.235	115	29.99	22	34.873	128	62.43	86
März 1	15	53.368	116	23.26	119	4.83	28	47.66	212	45.120	95	29.77	6	34.745	105	61.57	84
11	15	53.252	83	22.07	120	4.55	21	45.54	236	45.025	67	29.71	12	34.640	75	60.73	77
21	14	53.169	41	20.87	113	4.34	13	43.18	249	44.958	34	29.83	32	34.565	37	59.96	67
31	13	53.128	5	19.74	100	4.21	4	40.69	252	44.924	6	30.15	53	34.528	5	59.29	50
Apr. 10	13	53.133	55	18.74	81	4.17	6	38.17	244	44.930	48	30.68	76	34.533	52	58.79	31
20	12	53.188	107	17.93	59	4.23	15	35.73	227	44.978	93	31.44	100	34.585	100	58.48	6
30	11	53.295	157	17.34	31	4.38	25	33.46	201	45.071	137	32.44	123	34.685	147	58.42	19
Mai 10	11	53.452	204	17.03	1	4.63	33	31.45	167	45.208	180	33.67	144	34.832	192	58.61	48
20	10	53.656	248	17.02	30	4.96	41	29.78	128	45.388	218	35.11	162	35.024	233	59.09	74
30	9	53.904	284	17.32	62	5.37	47	28.50	85	45.606	251	36.73	177	35.257	267	59.83	101
Juni 9	9	54.188	313	17.94	92	5.84	53	27.65	39	45.857	277	38.50	189	35.524	296	60.84	125
19	8	54.501	332	18.86	119	6.37	56	27.26	9	46.134	297	40.39	196	35.820	314	62.09	146
29	7	54.833	344	20.05	144	6.93	58	27.35	56	46.431	309	42.35	197	36.134	325	63.55	163
Juli 9	7	55.177	347	21.49	166	7.51	58	27.91	102	46.740	312	44.32	193	36.459	329	65.18	177
19	6	55.524	341	23.15	182	8.09	58	28.93	146	47.052	308	46.25	185	36.788	325	66.95	185
29	5	55.865	329	24.97	195	8.67	55	30.39	185	47.360	298	48.10	171	37.113	313	68.80	189
Aug. 8	5	56.194	309	26.92	202	9.22	53	32.24	221	47.658	281	49.81	154	37.426	294	70.69	188
18	4	56.503	285	28.94	205	9.75	49	34.45	251	47.939	258	51.35	132	37.720	271	72.57	184
28	3	56.788	256	30.99	204	10.24	44	36.96	278	48.197	233	52.67	109	37.991	245	74.41	175
Sept. 7	3	57.044	225	33.03	199	10.68	38	39.74	298	48.430	203	53.76	83	38.236	214	76.16	163
17	2	57.269	191	35.02	190	11.06	32	42.72	312	48.633	173	54.59	58	38.450	183	77.79	148
27	1	57.460	157	36.92	179	11.38	26	45.84	321	48.806	141	55.17	34	38.633	151	79.27	132
Okt. 7	1	57.617	122	38.71	166	11.64	19	49.05	324	48.947	109	55.51	10	38.784	118	80.59	115
17	0	57.739	88	40.37	151	11.83	12	52.29	319	49.056	79	55.61	10	38.902	87	81.74	98
26	23	57.827	56	41.88	132	11.95	5	55.48	308	49.135	50	55.51	28	38.989	55	82.72	79
Nov. 5	23	57.883	22	43.20	113	12.00	2	58.56	290	49.185	21	55.23	43	39.044	26	83.51	62
15	22	57.905	9	44.33	93	11.98	8	61.46	265	49.206	6	54.80	53	39.070	4	84.13	44
25	21	57.896	39	45.26	71	11.90	16	64.11	234	49.200	31	54.27	60	39.066	32	84.57	27
Dez. 5	21	57.857	69	45.97	47	11.74	22	66.45	196	49.169	55	53.67	64	39.034	58	84.84	9
15	20	57.788	96	46.44	23	11.52	27	68.41	151	49.114	77	53.03	66	38.976	83	84.93	8
25	19	57.692	119	46.67	1	11.25	33	69.92	103	49.037	96	52.37	65	38.893	104	84.85	24
35	19	57.573		46.66		10.92		70.95		48.941		51.72		38.789		84.61	
Mittl. Ort		54.873		25.93		7.36		41.24		46.453		39.62		36.159		66.65	
sec δ, tg δ		1.146		+0.559		2.226		+1.989		1.001		+0.049		1.067		+0.373	

Welt-Zeit		67) ψ Phoenicis AR.		67) ψ Phoenicis Dekl.		68) χ Eridani AR.		68) χ Eridani Dekl.	
1927	h	1h 50m		−46° 39′		1h 53m		−51° 57′	
Jan. 0	19	42.956	222	57.43	75	6.872	258	102.22	72
10	18	42.734	233	58.18	25	6.614	270	102.94	18
20	18	42.501	237	58.43	26	6.344	274	103.12	36
30	17	42.264	233	58.17	77	6.070	269	102.76	89
Feb. 9	17	42.031	219	57.40	125	5.801	253	101.87	140
19	16	41.812	199	56.15	170	5.548	230	100.47	186
März 1	15	41.613	169	54.45	211	5.318	197	98.61	229
11	15	41.444	132	52.34	248	5.121	155	96.32	266
21	14	41.312	86	49.86	279	4.966	105	93.66	298
31	13	41.226	36	47.07	304	4.861	50	90.68	322
Apr. 10	13	41.190	20	44.03	324	4.811	11	87.46	341
20	12	41.210	77	40.79	336	4.822	74	84.05	353
30	11	41.287	136	37.43	343	4.896	137	80.52	356
Mai 10	11	41.423	191	34.00	340	5.033	199	76.96	352
20	10	41.614	245	30.60	331	5.232	258	73.44	341
30	9	41.859	292	27.29	314	5.490	310	70.03	321
Juni 9	9	42.151	331	24.15	289	5.800	355	66.82	293
19	8	42.482	364	21.26	258	6.155	392	63.89	260
29	7	42.846	386	18.68	219	6.547	417	61.29	218
Juli 9	7	43.232	397	16.49	176	6.964	431	59.11	172
19	6	43.629	399	14.73	127	7.395	435	57.39	121
29	5	44.028	391	13.46	74	7.830	428	56.18	65
Aug. 8	5	44.419	371	12.72	21	8.258	407	55.53	10
18	4	44.790	344	12.51	34	8.665	379	55.43	46
28	3	45.134	308	12.85	87	9.044	340	55.89	101
Sept. 7	3	45.442	266	13.72	135	9.384	294	56.90	151
17	2	45.708	218	15.07	179	9.678	241	58.41	196
27	1	45.926	167	16.86	216	9.919	184	60.37	232
Okt. 7	1	46.093	115	19.02	243	10.103	125	62.69	259
17	0	46.208	63	21.45	260	10.228	66	65.28	276
26	23	46.271	12	24.05	268	10.294	8	68.04	282
Nov. 5	23	46.283	37	26.73	263	10.302	48	70.86	276
15	22	46.246	81	29.36	249	10.254	99	73.62	259
25	21	46.165	121	31.85	224	10.155	145	76.21	232
Dez. 5	21	46.044	156	34.09	190	10.010	185	78.53	195
15	20	45.888	186	35.99	150	9.825	218	80.48	152
25	19	45.702	208	37.49	105	9.607	244	82.00	102
35	19	45.494		38.54		9.363		83.02	
Mittl. Ort		43.215		35.82		7.005		79.61	
sec δ, tg δ		1.457		−1.060		1.623		−1.279	

Welt-Zeit		72) α Hydri AR.		72) α Hydri Dekl.		71) υ Ceti AR.		71) υ Ceti Dekl.	
1927	h	1h 56m		−61° 55′		1h 56m		−21° 25′	
Jan. 0	19	28.36	38	53.29	63	33.452	129	66.18	88
10	18	27.98	39	53.92	5	33.323	142	67.06	58
20	18	27.59	39	53.97	53	33.181	150	67.64	26
30	17	27.20	38	53.44	109	33.031	151	67.90	7
Feb. 9	17	26.82	36	52.35	163	32.880	146	67.83	39
19	16	26.46	33	50.72	212	32.734	133	67.44	73
März 1	15	26.13	29	48.60	255	32.601	113	66.71	104
11	15	25.84	23	46.05	292	32.488	85	65.67	135
21	14	25.61	16	43.13	324	32.403	51	64.32	163
31	13	25.45	10	39.89	347	32.352	11	62.69	190
Apr. 10	13	25.35	2	36.42	364	32.341	32	60.79	213
20	12	25.33	6	32.78	372	32.373	78	58.66	233
30	11	25.39	14	29.06	372	32.451	125	56.33	249
Mai 10	11	25.53	22	25.34	365	32.576	169	53.84	260
20	10	25.75	30	21.69	349	32.745	210	51.24	265
30	9	26.05	36	18.20	326	32.955	247	48.59	264
Juni 9	9	26.41	42	14.94	295	33.202	277	45.95	258
19	8	26.83	47	11.99	255	33.479	301	43.37	244
29	7	27.30	50	9.44	210	33.780	315	40.93	224
Juli 9	7	27.80	53	7.34	160	34.095	323	38.69	199
19	6	28.33	54	5.74	104	34.418	322	36.70	168
29	5	28.87	53	4.70	47	34.740	313	35.02	133
Aug. 8	5	29.40	51	4.23	13	35.053	298	33.69	94
18	4	29.91	48	4.36	72	35.351	276	32.75	53
28	3	30.39	42	5.08	126	35.627	249	32.22	12
Sept. 7	3	30.81	37	6.34	178	35.876	218	32.10	28
17	2	31.18	30	8.12	224	36.094	184	32.38	67
27	1	31.48	23	10.36	259	36.278	149	33.05	101
Okt. 7	1	31.71	14	12.95	286	36.427	114	34.06	129
17	0	31.85	7	15.81	300	36.541	79	35.35	151
26	23	31.92	2	18.81	304	36.620	44	36.86	166
Nov. 5	23	31.90	9	21.85	294	36.664	12	38.52	172
15	22	31.81	16	24.79	273	36.676	18	40.24	172
25	21	31.65	22	27.52	241	36.658	47	41.96	164
Dez. 5	21	31.43	28	29.93	200	36.611	73	43.60	148
15	20	31.15	33	31.93	151	36.538	96	45.08	129
25	19	30.82	36	33.44	98	36.442	116	46.37	103
35	19	30.46		34.42		36.326		47.40	
Mittl. Ort		28.14		29.17		33.919		51.35	
sec δ, tg δ		2.125		−1.875		1.074		−0.392	

Welt-Zeit		70) 50 Cassiopeiae AR.		70) Dekl.		73) γ Andromedae AR.		73) Dekl.		74) α Arietis AR.		74) Dekl.		75) β Trianguli AR.		75) Dekl.	
1927		1h 57m		+72° 3′		1h 59m		+41° 58′		2h 3m		+23° 6′		2h 5m		+34° 38′	
	h	s		″		s		″		s		″		s		″	
Jan. 0	19	9.91	56	80.00	102	24.096	170	53.70	21	2.656	119	64.58	25	11.077	142	37.12	6
10	19	9.35	60	81.02	45	23.926	192	53.91	15	2.537	138	64.33	42	10.935	163	37.18	23
20	18	8.75	63	81.47	14	23.734	206	53.76	50	2.399	149	63.91	57	10.772	177	36.95	51
30	17	8.12	63	81.33	71	23.528	210	53.26	84	2.250	155	63.34	71	10.595	183	36.44	76
Feb. 9	17	7.49	59	80.62	126	23.318	202	52.42	113	2.095	151	62.63	82	10.412	179	35.68	100
19	16	6.90	53	79.36	174	23.116	185	51.29	138	1.944	139	61.81	88	10.233	164	34.68	117
März 1	15	6.37	46	77.62	214	22.931	156	49.91	155	1.805	117	60.93	90	10.069	140	33.51	129
11	15	5.91	36	75.48	245	22.775	117	48.36	166	1.688	88	60.03	86	9.929	106	32.22	135
21	14	5.55	23	73.03	265	22.658	69	46.70	169	1.600	51	59.17	79	9.823	63	30.87	134
31	13	5.32	10	70.38	274	22.589	14	45.01	164	1.549	8	58.38	65	9.760	15	29.53	126
Apr. 10	13	5.22	4	67.64	273	22.575	44	43.37	151	1.541	40	57.73	46	9.745	37	28.27	112
20	12	5.26	17	64.91	258	22.619	104	41.86	130	1.581	89	57.27	25	9.782	93	27.15	91
30	11	5.43	30	62.33	236	22.723	164	40.56	105	1.670	138	57.02	1	9.875	147	26.24	67
Mai 10	11	5.73	43	59.97	206	22.887	219	39.51	74	1.808	184	57.03	27	10.022	199	25.57	37
20	10	6.16	54	57.91	168	23.106	270	38.77	40	1.992	227	57.30	55	10.221	246	25.20	6
30	9	6.70	63	56.23	124	23.376	313	38.37	3	2.219	264	57.85	83	10.467	285	25.14	27
Juni 9	9	7.33	71	54.99	78	23.689	347	38.34	33	2.483	293	58.68	107	10.752	318	25.41	58
19	8	8.04	76	54.21	28	24.036	371	38.67	69	2.776	314	59.75	131	11.070	342	25.99	90
29	7	8.80	80	53.93	22	24.407	387	39.36	103	3.090	328	61.06	150	11.412	357	26.89	118
Juli 9	7	9.60	81	54.15	72	24.794	392	40.39	135	3.418	334	62.56	166	11.769	363	28.07	144
19	6	10.41	80	54.87	120	25.186	388	41.74	162	3.752	330	64.22	177	12.132	360	29.51	166
29	5	11.21	79	56.07	165	25.574	376	43.36	187	4.082	321	65.99	183	12.492	350	31.17	183
Aug. 8	5	12.00	74	57.72	206	25.950	356	45.23	207	4.403	305	67.82	186	12.842	333	33.00	197
18	4	12.74	69	59.78	243	26.306	331	47.30	222	4.708	283	69.68	184	13.175	310	34.97	207
28	3	13.43	63	62.21	276	26.637	300	49.52	232	4.991	258	71.52	178	13.485	283	37.04	210
Sept. 7	3	14.06	55	64.97	303	26.937	266	51.84	238	5.249	229	73.30	169	13.768	252	39.14	210
17	2	14.61	47	68.00	323	27.203	229	54.22	240	5.478	198	74.99	157	14.020	218	41.24	207
27	2	15.08	38	71.23	338	27.432	191	56.62	238	5.676	166	76.56	143	14.238	183	43.31	201
Okt. 7	1	15.46	28	74.61	346	27.623	151	59.00	230	5.842	134	77.99	128	14.421	149	45.32	191
17	0	15.74	18	78.07	347	27.774	111	61.30	220	5.976	102	79.27	112	14.570	112	47.23	179
27	0	15.92	7	81.54	341	27.885	72	63.50	205	6.078	71	80.39	94	14.682	77	49.02	164
Nov. 5	23	15.99	3	84.95	326	27.957	31	65.55	187	6.149	39	81.33	78	14.759	42	50.66	146
15	22	15.96	14	88.21	304	27.988	8	67.42	166	6.188	8	82.11	60	14.801	6	52.12	126
25	22	15.82	25	91.25	273	27.980	46	69.08	140	6.196	21	82.71	42	14.807	28	53.38	104
Dez. 5	21	15.57	34	93.98	235	27.934	84	70.48	111	6.175	50	83.13	24	14.779	62	54.42	80
15	20	15.23	44	96.33	190	27.850	119	71.59	80	6.125	78	83.37	6	14.717	94	55.22	54
25	20	14.79	51	98.23	139	27.731	150	72.39	45	6.047	102	83.43	12	14.623	123	55.76	25
35	19	14.28		99.62		27.581		72.84		5.945		83.31		14.500		56.01	
Mittl. Ort		9.77		68.83		24.580		48.54		3.186		64.93		11.567		34.03	
sec δ, tg δ		3.248		+3.090		1.345		+0.900		1.087		+0.427		1.215		+0.691	

Welt-Zeit		76) 55 Cassiopeiae AR.		Dekl.		78) Lac. μ Fornacis AR.		Dekl.		80) 67 Ceti AR.		Dekl.		85) ξ² Ceti AR.		Dekl.	
1927		2h 8m		+66° 10′		2h 9m		−31° 3′		2h 13m		−6° 45′		2h 24m		+8° 7′	
Jan. 0	19h	43.72s	38	70.28″	100	41.335s	149	73.98″	100	20.010s	107	38.40″	82	16.072s	100	56.10″	54
10	19	43.34	43	71.28	46	41.186	166	74.98	60	19.903	124	39.22	66	15.972	120	55.56	54
20	18	42.91	46	71.74	8	41.020	175	75.58	21	19.779	135	39.88	49	15.852	135	55.02	53
30	17	42.45	45	71.66	63	40.845	178	75.79	21	19.644	141	40.37	30	15.717	143	54.49	49
Feb. 9	17	42.00	44	71.03	113	40.667	173	75.58	61	19.503	140	40.67	9	15.574	144	54.00	44
19	16	41.56	41	69.90	159	40.494	161	74.97	101	19.363	131	40.76	12	15.430	136	53.56	36
März 1	16	41.15	35	68.31	197	40.333	141	73.96	138	19.232	115	40.64	35	15.294	121	53.20	26
11	15	40.80	28	66.34	226	40.192	113	72.58	174	19.117	89	40.29	58	15.173	97	52.94	13
21	14	40.52	19	64.08	246	40.079	77	70.84	205	19.028	57	39.71	82	15.076	64	52.81	3
31	14	40.33	9	61.62	255	40.002	35	68.79	234	18.971	20	38.89	106	15.012	27	52.84	21
Apr. 10	13	40.24	1	59.07	253	39.967	10	66.45	257	18.951	22	37.83	130	14.985	16	53.05	42
20	12	40.25	13	56.54	241	39.977	59	63.88	277	18.973	66	36.53	152	15.001	62	53.47	63
30	12	40.38	22	54.13	220	40.036	108	61.11	291	19.039	112	35.01	172	15.063	108	54.10	85
Mai 10	11	40.60	33	51.93	192	40.144	157	58.20	298	19.151	155	33.29	190	15.171	152	54.95	107
20	10	40.93	41	50.01	155	40.301	202	55.22	300	19.306	195	31.39	204	15.323	194	56.02	128
30	10	41.34	49	48.46	115	40.503	243	52.22	294	19.501	231	29.35	213	15.517	230	57.30	145
Juni 9	9	41.83	55	47.31	70	40.746	278	49.28	282	19.732	262	27.22	218	15.747	261	58.75	161
19	8	42.38	60	46.61	24	41.024	305	46.46	262	19.994	285	25.04	218	16.008	286	60.36	172
29	8	42.98	63	46.37	23	41.329	325	43.84	235	20.279	300	22.86	211	16.294	302	62.08	178
Juli 9	7	43.61	64	46.60	70	41.654	337	41.49	202	20.579	309	20.75	198	16.596	311	63.86	180
19	6	44.25	64	47.30	115	41.991	339	39.47	166	20.888	309	18.77	182	16.907	312	65.66	178
29	6	44.89	63	48.45	157	42.330	333	37.81	123	21.197	302	16.95	159	17.219	307	67.44	170
Aug. 8	5	45.52	60	50.02	196	42.663	320	36.58	77	21.499	290	15.36	133	17.526	294	69.14	158
18	4	46.12	57	51.98	230	42.983	300	35.81	29	21.789	271	14.03	104	17.820	278	70.72	142
28	4	46.69	51	54.28	260	43.283	272	35.52	18	22.060	248	12.99	72	18.098	256	72.14	123
Sept. 7	3	47.20	46	56.88	284	43.555	242	35.70	64	22.308	222	12.27	40	18.354	231	73.37	102
17	2	47.66	40	59.72	304	43.797	206	36.34	107	22.530	192	11.87	9	18.585	204	74.39	80
27	2	48.06	33	62.76	317	44.003	168	37.41	145	22.722	162	11.78	22	18.789	176	75.19	58
Okt. 7	1	48.39	26	65.93	324	44.171	130	38.86	176	22.884	131	12.00	49	18.965	146	75.77	37
17	0	48.65	18	69.17	325	44.301	90	40.62	199	23.015	99	12.49	71	19.111	116	76.14	17
27	0	48.83	11	72.42	319	44.391	51	42.61	214	23.114	69	13.20	89	19.227	87	76.31	1
Nov. 5	23	48.94	2	75.61	306	44.442	15	44.75	219	23.183	39	14.09	102	19.314	57	76.30	16
15	22	48.96	6	78.67	285	44.457	21	46.94	215	23.222	10	15.11	109	19.371	27	76.14	28
25	22	48.90	14	81.52	258	44.436	54	49.09	202	23.232	18	16.20	110	19.398	1	75.86	37
Dez. 5	21	48.76	21	84.10	222	44.382	85	51.11	182	23.214	44	17.30	107	19.397	30	75.49	44
15	20	48.55	29	86.32	181	44.297	111	52.93	154	23.170	69	18.37	99	19.367	57	75.05	49
25	20	48.26	34	88.13	134	44.186	135	54.47	121	23.101	92	19.36	89	19.310	82	74.56	51
35	19	47.92		89.47		44.051		55.68		23.009		20.25		19.228		74.05	
Mittl. Ort		43.74		60.18		41.632		56.70		20.447		28.44		16.492		61.18	
sec δ, tg δ		2.476		+2.266		1.167		−0.602		1.007		−0.118		1.010		+0.143	

Welt-Zeit		87) 36 H. Cassiopeiae AR.		Dekl.		90) μ Hydri AR.		Dekl.	
1927	h	2h 30m		+72° 29′		2h 33m		−79° 25′	
Jan. 0	20	63.67	52	72.13	145	14.32	112	64.88	85
10	19	63.15	58	73.58	91	13.20	118	65.73	25
20	19	62.57	63	74.49	33	12.02	121	65.98	36
30	18	61.94	65	74.82	25	10.81	120	65.62	96
Feb. 9	17	61.29	64	74.57	81	9.61	116	64.66	152
19	17	60.65	60	73.76	134	8.45	108	63.14	204
März 1	16	60.05	53	72.42	179	7.37	99	61.10	250
11	15	59.52	44	70.63	216	6.38	87	58.60	289
21	15	59.08	33	68.47	244	5.51	72	55.71	323
31	14	58.75	21	66.03	262	4.79	56	52.48	348
Apr. 10	13	58.54	7	63.41	268	4.23	38	49.00	366
20	13	58.47	8	60.73	264	3.85	19	45.34	377
30	12	58.55	22	58.09	250	3.66	1	41.57	378
Mai 10	11	58.77	35	55.59	227	3.67	20	37.79	373
20	11	59.12	47	53.32	196	3.87	39	34.06	358
30	10	59.59	58	51.36	159	4.26	58	30.48	336
Juni 9	9	60.17	68	49.77	117	4.84	74	27.12	305
19	9	60.85	74	48.60	71	5.58	89	24.07	267
29	8	61.59	80	47.89	23	6.47	102	21.40	223
Juli 9	7	62.39	83	47.66	24	7.49	112	19.17	172
19	7	63.22	84	47.90	72	8.61	118	17.45	117
29	6	64.06	83	48.62	117	9.79	121	16.28	57
Aug. 8	5	64.89	81	49.79	161	11.00	120	15.71	3
18	5	65.70	78	51.40	201	12.20	116	15.74	63
28	4	66.48	72	53.41	237	13.36	108	16.37	122
Sept. 7	3	67.20	66	55.78	267	14.44	97	17.59	177
17	3	67.86	58	58.45	294	15.41	81	19.36	225
27	2	68.44	50	61.39	314	16.22	64	21.61	266
Okt. 7	1	68.94	41	64.53	329	16.86	44	24.27	295
17	1	69.35	30	67.82	337	17.30	23	27.22	315
27	0	69.65	20	71.19	338	17.53	1	30.37	320
Nov. 5	23	69.85	9	74.57	331	17.54	22	33.57	315
15	23	69.94	3	77.88	317	17.32	43	36.72	295
25	22	69.91	15	81.05	293	16.89	63	39.67	266
Dez. 5	22	69.76	26	83.98	263	16.26	80	42.33	224
15	21	69.50	36	86.61	224	15.46	95	44.57	176
25	20	69.14	46	88.85	178	14.51	107	46.33	120
35	20	68.68		90.63		13.44		47.53	
Mittl. Ort		63.10		61.77		10.63		40.96	
sec δ, tg δ		3.326		+3.172		5.450		−5.358	

Welt-Zeit		89) ν Arietis AR.		Dekl.		91) δ Ceti AR.		Dekl.	
1927	h	2h 34m		+21° 38′		2h 35m		+0° 0′	
Jan. 0	20	39.610	104	47.01	15	43.974	96	44.34	74
10	19	39.506	128	46.86	29	43.878	118	43.60	64
20	19	39.378	147	46.57	42	43.760	133	42.96	53
30	18	39.231	157	46.15	54	43.627	144	42.43	41
Feb. 9	17	39.074	161	45.61	62	43.483	146	42.02	27
19	17	38.913	154	44.99	69	43.337	142	41.75	12
März 1	16	38.759	138	44.30	71	43.195	127	41.63	6
11	15	38.621	113	43.59	70	43.068	105	41.69	24
21	15	38.508	79	42.89	64	42.963	75	41.93	44
31	14	38.429	38	42.25	53	42.888	38	42.37	66
Apr. 10	13	38.391	7	41.72	38	42.850	2	43.03	88
20	13	38.398	56	41.34	19	42.852	47	43.91	109
30	12	38.454	105	41.15	2	42.899	93	45.00	131
Mai 10	11	38.559	154	41.17	26	42.992	137	46.31	151
20	11	38.713	198	41.43	50	43.129	179	47.82	167
30	10	38.911	237	41.93	75	43.308	217	49.49	181
Juni 9	9	39.148	272	42.68	97	43.525	249	51.30	191
19	9	39.420	297	43.65	118	43.774	274	53.21	196
29	8	39.717	315	44.83	136	44.048	293	55.17	196
Juli 9	7	40.032	326	46.19	150	44.341	304	57.13	191
19	7	40.358	329	47.69	159	44.645	307	59.04	181
29	6	40.687	325	49.28	166	44.952	304	60.85	165
Aug. 8	5	41.012	314	50.94	167	45.256	295	62.50	145
18	5	41.326	297	52.61	165	45.551	279	63.95	122
28	4	41.623	276	54.26	158	45.830	260	65.17	96
Sept. 7	3	41.899	252	55.84	150	46.090	236	66.13	69
17	3	42.151	225	57.34	138	46.326	210	66.82	41
27	2	42.376	196	58.72	125	46.536	182	67.23	13
Okt. 7	1	42.572	167	59.97	110	46.718	153	67.36	12
17	1	42.739	136	61.07	96	46.871	124	67.24	34
27	0	42.875	105	62.03	81	46.995	95	66.90	53
Nov. 5	23	42.980	73	62.84	66	47.090	64	66.37	66
15	23	43.053	41	63.50	51	47.154	35	65.71	77
25	22	43.094	10	64.01	38	47.189	5	64.94	82
Dez. 5	22	43.104	23	64.39	23	47.194	24	64.12	83
15	21	43.081	55	64.62	9	47.170	51	63.29	81
25	20	43.026	84	64.71	5	47.119	79	62.48	77
35	20	42.942		64.66		47.040		61.71	
Mittl. Ort		39.984		47.93		44.316		51.86	
sec δ, tg δ		1.076		+0.397		1.000		0.000	

Welt-Zeit		93) ϑ Persei AR.		93) ϑ Persei Dekl.		97) π Ceti AR.		97) π Ceti Dekl.	
1927	h	2h 39m		+48° 55′		2h 40m		−14° 9′	
Jan. 0	20	11.988	176	20.94	77	38.600	105	73.06	104
10	19	11.812	211	21.71	38	38.495	128	74.10	80
20	19	11.601	237	22.09	2	38.367	144	74.90	55
30	18	11.364	253	22.07	41	38.223	154	75.45	28
Feb. 9	17	11.111	254	21.66	79	38.069	157	75.73	1
19	17	10.857	244	20.87	112	37.912	151	75.72	29
März 1	16	10.613	219	19.75	141	37.761	139	75.43	57
11	15	10.394	181	18.34	163	37.622	116	74.86	86
21	15	10.213	132	16.71	177	37.506	87	74.00	114
31	14	10.081	75	14.94	183	37.419	51	72.86	141
Apr. 10	13	10.006	10	13.11	180	37.368	9	71.45	165
20	13	9.996	58	11.31	170	37.359	35	69.80	189
30	12	10.054	126	9.61	152	37.394	81	67.91	208
Mai 10	11	10.180	191	8.09	128	37.475	126	65.83	224
20	11	10.371	253	6.81	99	37.601	169	63.59	236
30	10	10.624	306	5.82	67	37.770	209	61.23	242
Juni 9	9	10.930	352	5.15	31	37.979	243	58.81	244
19	9	11.282	388	4.84	5	38.222	270	56.37	238
29	8	11.670	414	4.89	41	38.492	291	53.99	227
Juli 9	7	12.084	429	5.30	77	38.783	304	51.72	209
19	7	12.513	435	6.07	109	39.087	310	49.63	187
29	6	12.948	430	7.16	140	39.397	308	47.76	159
Aug. 8	5	13.378	419	8.56	167	39.705	300	46.17	126
18	5	13.797	399	10.23	190	40.005	285	44.91	90
28	4	14.196	373	12.13	209	40.290	266	44.01	53
Sept. 7	4	14.569	342	14.22	224	40.556	243	43.48	14
17	3	14.911	307	16.46	235	40.799	216	43.34	24
27	2	15.218	269	18.81	241	41.015	186	43.58	59
Okt. 7	2	15.487	228	21.22	244	41.201	156	44.17	89
17	1	15.715	184	23.66	242	41.357	125	45.06	115
27	0	15.899	140	26.08	236	41.482	93	46.21	136
Nov. 6	0	16.039	93	28.44	225	41.575	61	47.57	148
15	23	16.132	44	30.69	209	41.636	29	49.05	154
25	22	16.176	5	32.78	190	41.665	2	50.59	153
Dez. 5	22	16.171	54	34.68	164	41.663	32	52.12	145
15	21	16.117	102	36.32	135	41.631	61	53.57	133
25	20	16.015	147	37.67	101	41.570	88	54.90	115
35	20	15.868		38.68		41.482		56.05	
Mittl. Ort		12.180		14.78		38.843		61.39	
sec δ, tg δ		1.522		+1.147		1.031		−0.252	

Welt-Zeit		98) μ Ceti AR.		98) μ Ceti Dekl.		100) 41 Arietis AR.		100) 41 Arietis Dekl.	
1927	h	2h 40m		+9° 48′		2h 45m		+26° 57′	
Jan. 0	20	59.220	93	20.03	49	40.582	105	38.81	6
10	19	59.127	116	19.54	49	40.477	132	38.87	12
20	19	59.011	134	19.05	50	40.345	154	38.75	31
30	18	58.877	146	18.55	47	40.191	168	38.44	47
Feb. 9	17	58.731	150	18.08	44	40.023	172	37.97	62
19	17	58.581	145	17.64	38	39.851	168	37.35	75
März 1	16	58.436	131	17.26	29	39.683	153	36.60	83
11	15	58.305	109	16.97	19	39.530	127	35.77	87
21	15	58.196	79	16.78	5	39.403	93	34.90	86
31	14	58.117	41	16.73	12	39.310	52	34.04	79
Apr. 10	13	58.076	1	16.85	30	39.258	4	33.25	67
20	13	58.077	46	17.15	51	39.254	46	32.58	52
30	12	58.123	93	17.66	72	39.300	98	32.06	32
Mai 10	11	58.216	139	18.38	93	39.398	148	31.74	9
20	11	58.355	181	19.31	114	39.546	195	31.65	16
30	10	58.536	220	20.45	133	39.741	238	31.81	41
Juni 9	9	58.756	253	21.78	148	39.979	273	32.22	66
19	9	59.009	279	23.26	160	40.252	302	32.88	90
29	8	59.288	297	24.86	168	40.554	323	33.78	111
Juli 9	7	59.585	309	26.54	172	40.877	335	34.89	130
19	7	59.894	313	28.26	171	41.212	340	36.19	144
29	6	60.207	310	29.97	165	41.552	337	37.63	155
Aug. 8	5	60.517	301	31.62	155	41.889	328	39.18	163
18	5	60.818	286	33.17	142	42.217	313	40.81	165
28	4	61.104	267	34.59	124	42.530	293	42.46	164
Sept. 7	4	61.371	244	35.83	105	42.823	270	44.10	161
17	3	61.615	219	36.88	84	43.093	243	45.71	154
27	2	61.834	192	37.72	63	43.336	215	47.25	145
Okt. 7	2	62.026	163	38.35	42	43.551	185	48.70	135
17	1	62.189	135	38.77	23	43.736	153	50.05	123
27	0	62.324	105	39.00	6	43.889	121	51.28	110
Nov. 6	0	62.429	75	39.06	8	44.010	89	52.38	97
15	23	62.504	45	38.98	20	44.099	55	53.35	83
25	22	62.549	15	38.78	30	44.154	20	54.18	68
Dez. 5	22	62.564	16	38.48	37	44.174	16	54.86	53
15	21	62.548	45	38.11	42	44.158	50	55.39	36
25	20	62.503	74	37.69	46	44.108	83	55.75	19
35	20	62.429		37.23		44.025		55.94	
Mittl. Ort		59.561		24.49		40.895		38.26	
sec δ, tg δ		1.015		+0.173		1.122		+0.509	

Welt-Zeit		101) β Fornacis AR.		101) β Fornacis Dekl.		102) τ² Eridani AR.		102) τ² Eridani Dekl.		103) τ Persei AR.		103) τ Persei Dekl.		104) η Eridani AR.		104) η Eridani Dekl.	
1927	h	2h 46m s		−32° 42′ ″		2h 47m s		−21° 17′ ″		2h 49m s		+52° 27′ ″		2h 52m s		−9° 10′ ″	
Jan. 0	20	2.075	145	58.94	131	43.463	115	89.07	119	4.098	189	60.49	97	51.383	96	86.27	100
10	19	1.930	168	60.25	91	43.348	138	90.26	89	3.909	229	61.46	58	51.287	119	87.27	80
20	19	1.762	184	61.16	49	43.210	155	91.15	57	3.680	260	62.04	16	51.168	138	88.07	60
30	18	1.578	195	61.65	6	43.055	167	91.72	23	3.420	279	62.20	27	51.030	150	88.67	37
Feb. 9	17	1.383	196	61.71	37	42.888	170	91.95	12	3.141	284	61.93	68	50.880	155	89.04	14
19	17	1.187	191	61.34	80	42.718	165	91.83	46	2.857	273	61.25	105	50.725	153	89.18	10
März 1	16	0.996	175	60.54	120	42.553	152	91.37	80	2.584	250	60.20	138	50.572	142	89.08	36
11	15	0.821	152	59.34	159	42.401	131	90.57	113	2.334	211	58.82	164	50.430	121	88.72	61
21	15	0.669	118	57.75	195	42.270	101	89.44	144	2.123	159	57.18	182	50.309	93	88.11	86
31	14	0.551	80	55.80	226	42.169	65	88.00	173	1.964	98	55.36	192	50.216	59	87.25	111
Apr. 10	13	0.471	35	53.54	253	42.104	22	86.27	200	1.866	31	53.44	193	50.157	17	86.14	135
20	13	0.436	13	51.01	276	42.082	22	84.27	223	1.835	43	51.51	187	50.140	26	84.79	158
30	12	0.449	65	48.25	293	42.104	69	82.04	243	1.878	115	49.64	171	50.166	71	83.21	179
Mai 10	12	0.514	115	45.32	305	42.173	117	79.61	257	1.993	187	47.93	150	50.237	116	81.42	197
20	11	0.629	164	42.27	309	42.290	161	77.04	267	2.180	254	46.43	122	50.353	160	79.45	210
30	10	0.793	208	39.18	307	42.451	203	74.37	269	2.434	312	45.21	90	50.513	200	77.35	220
Juni 9	10	1.001	249	36.11	298	42.654	239	71.68	267	2.746	363	44.31	56	50.713	234	75.15	224
19	9	1.250	282	33.13	280	42.893	269	69.01	257	3.109	403	43.75	18	50.947	262	72.91	224
29	8	1.532	308	30.33	256	43.162	291	66.44	241	3.512	434	43.57	19	51.209	284	70.67	217
Juli 9	8	1.840	326	27.77	226	43.453	307	64.03	219	3.946	453	43.76	55	51.493	298	68.50	204
19	7	2.166	336	25.51	188	43.760	315	61.84	190	4.399	461	44.31	91	51.791	305	66.46	186
29	6	2.502	338	23.63	146	44.075	316	59.94	156	4.860	460	45.22	124	52.096	305	64.60	163
Aug. 8	6	2.840	331	22.17	99	44.391	308	58.38	118	5.320	450	46.46	154	52.401	299	62.97	135
18	5	3.171	317	21.18	49	44.699	296	57.20	77	5.770	431	48.00	181	52.700	287	61.62	103
28	4	3.488	297	20.69	0	44.995	276	56.43	33	6.201	406	49.81	203	52.987	269	60.59	69
Sept. 7	4	3.785	270	20.69	51	45.271	253	56.10	11	6.607	376	51.84	221	53.256	247	59.90	34
17	3	4.055	240	21.20	98	45.524	226	56.21	52	6.983	339	54.05	237	53.503	223	59.56	1
27	2	4.295	206	22.18	140	45.750	196	56.73	91	7.322	300	56.42	246	53.726	196	59.57	34
Okt. 7	2	4.501	169	23.58	177	45.946	164	57.64	125	7.622	257	58.88	252	53.922	167	59.91	64
17	1	4.670	131	25.35	206	46.110	131	58.89	153	7.879	211	61.40	254	54.089	138	60.55	90
27	0	4.801	92	27.41	226	46.241	97	60.42	174	8.090	163	63.94	251	54.227	107	61.45	110
Nov. 6	0	4.893	52	29.67	236	46.338	63	62.16	186	8.253	111	66.45	242	54.334	77	62.55	124
15	23	4.945	13	32.03	237	46.401	29	64.02	191	8.364	58	68.87	229	54.411	45	63.79	132
25	22	4.958	24	34.40	228	46.430	4	65.93	187	8.422	4	71.16	211	54.456	14	65.11	134
Dez. 5	22	4.934	61	36.68	210	46.426	36	67.80	176	8.426	51	73.27	186	54.470	18	66.45	130
15	21	4.873	95	38.78	184	46.390	68	69.56	157	8.375	106	75.13	157	54.452	47	67.75	122
25	20	4.778	124	40.62	152	46.322	96	71.13	135	8.269	156	76.70	123	54.405	76	68.97	108
35	20	4.654		42.14		46.226		72.48		8.113		77.93		54.329		70.05	
Mittl. Ort		2.086		42.50		43.603		75.60		4.180		53.81		51.592		76.32	
sec δ, tg δ		1.188		−0.642		1.073		−0.390		1.641		+1.302		1.013		−0.162	

Welt-Zeit		106) ϑ Eridani AR.		Dekl.		105) 47 H. Cephei AR.		Dekl.		107) α Ceti AR.		Dekl.		108) γ Persei AR.		Dekl.	
1927	h	$2^h\,55^m$		−40° 35′		$2^h\,56^m$		+79° 7′		$2^h\,58^m$		+3° 48′		$2^h\,59^m$		+53° 13′	
Jan. 0	20	29.681 s	171	64.99″	145	20.26 s	80	67.78″	194	27.406 s	85	9.23″	66	29.797	183	25.19″	109
10	20	29.510	198	66.44	101	19.46	94	69.72	139	27.321	111	8.57	60	29.614	228	26.28	71
20	19	29.312	218	67.45	52	18.52	102	71.11	81	27.210	131	7.97	53	29.386	261	26.99	28
30	18	29.094	229	67.97	4	17.50	108	71.92	20	27.079	146	7.44	44	29.125	284	27.27	14
Feb. 9	18	28.865	232	68.01	45	16.42	108	72.12	40	26.933	152	7.00	33	28.841	292	27.13	56
19	17	28.633	227	67.56	92	15.34	104	71.72	99	26.781	151	6.67	22	28.549	285	26.57	95
März 1	16	28.406	210	66.64	137	14.30	94	70.73	151	26.630	141	6.45	8	28.264	262	25.62	129
11	16	28.196	185	65.27	178	13.36	82	69.22	197	26.489	121	6.37	7	28.002	226	24.33	157
21	15	28.011	151	63.49	218	12.54	66	67.25	234	26.368	92	6.44	25	27.776	176	22.76	177
31	14	27.860	110	61.31	251	11.88	47	64.91	260	26.276	58	6.69	43	27.600	115	20.99	190
Apr. 10	14	27.750	62	58.80	279	11.41	26	62.31	276	26.218	18	7.12	63	27.485	47	19.09	193
20	13	27.688	10	56.01	303	11.15	3	59.55	281	26.200	27	7.75	84	27.438	27	17.16	190
30	12	27.678	46	52.98	320	11.12	18	56.74	275	26.227	73	8.59	104	27.465	101	15.26	176
Mai 10	12	27.724	100	49.78	330	11.30	40	53.99	260	26.300	118	9.63	124	27.566	174	13.50	157
20	11	27.824	154	46.48	333	11.70	60	51.39	235	26.418	161	10.87	142	27.740	243	11.93	132
30	10	27.978	204	43.15	328	12.30	79	49.04	203	26.579	201	12.29	158	27.983	304	10.61	101
Juni 9	10	28.182	249	39.87	316	13.09	94	47.01	164	26.780	236	13.87	169	28.287	358	9.60	68
19	9	28.431	288	36.71	295	14.03	107	45.37	122	27.016	263	15.56	178	28.645	401	8.92	32
29	8	28.719	319	33.76	267	15.10	117	44.15	76	27.279	285	17.34	181	29.046	434	8.60	5
Juli 9	8	29.038	341	31.09	233	16.27	125	43.39	28	27.564	299	19.15	180	29.480	456	8.65	41
19	7	29.379	356	28.76	191	17.52	130	43.11	22	27.863	305	20.95	173	29.936	467	9.06	77
29	6	29.735	361	26.85	144	18.82	131	43.33	70	28.168	306	22.68	162	30.403	469	9.83	110
Aug. 8	6	30.096	357	25.41	93	20.13	129	44.03	116	28.474	299	24.30	146	30.872	461	10.93	141
18	5	30.453	345	24.48	39	21.42	126	45.19	161	28.773	288	25.76	127	31.333	445	12.34	168
28	4	30.798	325	24.09	16	22.68	120	46.80	203	29.061	272	27.03	104	31.778	422	14.02	192
Sept. 7	4	31.123	298	24.25	69	23.88	111	48.83	240	29.333	251	28.07	80	32.200	393	15.94	212
17	3	31.421	266	24.94	121	24.99	101	51.23	274	29.584	228	28.87	54	32.593	358	18.06	229
27	3	31.687	228	26.15	167	26.00	89	53.97	302	29.812	202	29.41	29	32.951	320	20.35	240
Okt. 7	2	31.915	188	27.82	206	26.89	74	56.99	324	30.014	176	29.70	6	33.271	278	22.75	248
17	1	32.103	145	29.88	236	27.63	59	60.23	340	30.190	148	29.76	16	33.549	232	25.23	252
27	1	32.248	100	32.24	258	28.22	42	63.63	349	30.338	119	29.60	35	33.781	183	27.75	250
Nov. 6	0	32.348	54	34.82	268	28.64	24	67.12	350	30.457	89	29.25	49	33.964	131	30.25	244
15	23	32.402	10	37.50	267	28.88	4	70.62	342	30.546	59	28.76	59	34.095	76	32.69	233
25	23	32.412	33	40.17	257	28.92	15	74.04	327	30.605	27	28.17	66	34.171	20	35.02	217
Dez. 5	22	32.379	76	42.74	235	28.77	35	77.31	302	30.632	3	27.51	70	34.191	38	37.19	195
15	21	32.303	115	45.09	206	28.42	54	80.33	268	30.629	35	26.81	69	34.153	95	39.14	166
25	21	32.188	149	47.15	170	27.88	70	83.01	224	30.594	65	26.12	67	34.058	148	40.80	134
35	20	32.039		48.85		27.18		85.25		30.529		25.45		33.910		42.14	
Mittl. Ort		29.475		47.21		18.33		57.58		27.649		15.32		29.804		18.63	
sec δ, tg δ		1.317		−0.857		5.304		+5.209		1.002		+0.067		1.670		+1.338	

Welt-Zeit		109) ρ Persei AR.		Dekl.		110) μ Horologii AR.		Dekl.		111) β Persei AR.		Dekl.		114) δ Arietis AR.		Dekl.	
1927	h	3h 0m		+38° 33′		3h 1m		−60° 0′		3h 3m		+40° 40′		3h 7m		+19° 27′	
Jan. 0	20	29.289 s	119	34.27 ″	56	54.38 s	32	94.57 ″	151	24.525 s	123	35.99 ″	66	26.810 s	85	4.53 ″	12
10	20	29.170	154	34.83	28	54.06	36	96.08	97	24.402	160	36.65	36	26.725	113	4.41	22
20	19	29.016	182	35.11	1	53.70	39	97.05	40	24.242	188	37.01	6	26.612	138	4.19	31
30	18	28.834	200	35.10	29	53.31	40	97.45	18	24.054	209	37.07	25	26.474	155	3.88	39
Feb. 9	18	28.634	207	34.81	57	52.91	40	97.27	75	23.845	217	36.82	54	26.319	164	3.49	45
19	17	28.427	205	34.24	82	52.51	39	96.52	129	23.628	214	36.28	81	26.155	164	3.04	50
März 1	16	28.222	190	33.42	102	52.12	36	95.23	179	23.414	199	35.47	104	25.991	153	2.54	52
11	16	28.032	162	32.40	118	51.76	33	93.44	226	23.215	171	34.43	122	25.838	133	2.02	51
21	15	27.870	125	31.22	127	51.43	28	91.18	266	23.044	134	33.21	133	25.705	104	1.51	46
31	14	27.745	79	29.95	130	51.15	21	88.52	301	22.910	86	31.88	138	25.601	67	1.05	37
Apr. 10	14	27.666	26	28.65	127	50.94	15	85.51	330	22.824	31	30.50	136	25.534	24	0.68	24
20	13	27.640	31	27.38	117	50.79	8	82.21	351	22.793	26	29.14	128	25.510	23	0.44	9
30	12	27.671	89	26.21	101	50.71	0	78.70	364	22.819	87	27.86	112	25.533	72	0.35	9
Mai 10	12	27.760	146	25.20	80	50.71	8	75.06	370	22.906	146	26.74	93	25.605	120	0.44	30
20	11	27.906	201	24.40	56	50.79	15	71.36	367	23.052	201	25.81	68	25.725	167	0.74	51
30	10	28.107	249	23.84	28	50.94	23	67.69	357	23.253	252	25.13	41	25.892	209	1.25	72
Juni 9	10	28.356	292	23.56	0	51.17	30	64.12	337	23.505	296	24.72	12	26.101	245	1.97	92
19	9	28.648	325	23.56	30	51.47	36	60.75	309	23.801	331	24.60	18	26.346	276	2.89	109
29	9	28.973	352	23.86	58	51.83	41	57.66	274	24.132	358	24.78	48	26.622	298	3.98	125
Juli 9	8	29.325	368	24.44	84	52.24	45	54.92	230	24.490	376	25.26	75	26.920	314	5.23	136
19	7	29.693	376	25.28	109	52.69	48	52.62	181	24.866	385	26.01	102	27.234	321	6.59	144
29	7	30.069	377	26.37	130	53.17	49	50.81	126	25.251	386	27.03	124	27.555	323	8.03	148
Aug. 8	6	30.446	369	27.67	149	53.66	50	49.55	67	25.637	380	28.27	145	27.878	318	9.51	148
18	5	30.815	356	29.16	163	54.16	48	48.88	6	26.017	366	29.72	162	28.196	306	10.99	144
28	5	31.171	337	30.79	174	54.64	46	48.82	54	26.383	348	31.34	175	28.502	291	12.43	136
Sept. 7	4	31.508	314	32.53	181	55.10	42	49.36	114	26.731	324	33.09	184	28.793	271	13.79	127
17	3	31.822	287	34.34	186	55.52	38	50.50	170	27.055	296	34.93	190	29.064	249	15.06	114
27	3	32.109	256	36.20	187	55.90	32	52.20	218	27.351	266	36.83	193	29.313	224	16.20	101
Okt. 7	2	32.365	224	38.07	185	56.22	25	54.38	258	27.617	234	38.76	193	29.537	197	17.21	86
17	1	32.589	190	39.92	180	56.47	19	56.96	290	27.851	198	40.69	190	29.734	169	18.07	73
27	1	32.779	154	41.72	173	56.66	11	59.86	309	28.049	161	42.59	184	29.903	139	18.80	59
Nov. 6	0	32.933	115	43.45	164	56.77	3	62.95	316	28.210	121	44.43	176	30.042	109	19.39	46
15	23	33.048	76	45.09	152	56.80	4	66.11	311	28.331	79	46.19	164	30.151	76	19.85	35
25	23	33.124	33	46.61	136	56.76	11	69.22	293	28.410	37	47.83	149	30.227	42	20.20	24
Dez. 5	22	33.157	9	47.97	119	56.65	18	72.15	266	28.447	8	49.32	131	30.269	8	20.44	14
15	21	33.148	51	49.16	97	56.47	24	74.81	227	28.439	53	50.63	109	30.277	27	20.58	4
25	21	33.097	92	50.13	73	56.23	29	77.08	181	28.386	95	51.72	84	30.250	61	20.62	6
35	20	33.005		50.86		55.94		78.89		28.291		52.56		30.189		20.56	
Mittl. Ort		29.476		30.91		53.35		73.93		24.681		32.18		27.035		6.16	
sec δ, tg δ		1.279		+0.797		2.001		−1.734		1.319		+0.859		1.061		+0.353	

Welt-Zeit		117) 12 Eridani AR.		Dekl.		115) 48 H. Cephei AR.		Dekl.	
1927	h	$3^h\ 8^m$		$-29°\ 16'$		$3^h\ 10^m$		$+77°\ 27'$	
Jan. 0	20	58.204	123	41.37	144	61.20	64	78.17	203
10	20	58.081	151	42.81	108	60.56	76	80.20	153
20	19	57.930	173	43.89	69	59.80	86	81.73	97
30	18	57.757	187	44.58	28	58.94	91	82.70	37
Feb. 9	18	57.570	194	44.86	13	58.03	93	83.07	22
19	17	57.376	193	44.73	54	57.10	91	82.85	79
März 1	17	57.183	182	44.19	94	56.19	84	82.06	134
11	16	57.001	161	43.25	133	55.35	75	80.72	180
21	15	56.840	134	41.92	168	54.60	61	78.92	219
31	15	56.706	97	40.24	201	53.99	45	76.73	248
Apr. 10	14	56.609	55	38.23	230	53.54	27	74.25	267
20	13	56.554	8	35.93	255	53.27	7	71.58	274
30	13	56.546	41	33.38	276	53.20	11	68.84	272
Mai 10	12	56.587	90	30.62	290	53.31	30	66.12	260
20	11	56.677	139	27.72	298	53.61	48	63.52	238
30	11	56.816	184	24.74	300	54.09	65	61.14	209
Juni 9	10	57.000	225	21.74	295	54.74	79	59.05	174
19	9	57.225	260	18.79	283	55.53	91	57.31	134
29	9	57.485	288	15.96	263	56.44	101	55.97	90
Juli 9	8	57.773	308	13.33	237	57.45	109	55.07	44
19	7	58.081	322	10.96	203	58.54	113	54.63	4
29	7	58.403	327	8.93	164	59.67	116	54.67	50
Aug. 8	6	58.730	324	7.29	120	60.83	116	55.17	97
18	5	59.054	315	6.09	73	61.99	113	56.14	142
28	5	59.369	300	5.36	24	63.12	108	57.56	182
Sept. 7	4	59.669	278	5.12	25	64.20	102	59.38	221
17	3	59.947	251	5.37	73	65.22	94	61.59	255
27	3	60.198	223	6.10	117	66.16	84	64.14	284
Okt. 7	2	60.421	190	7.27	156	67.00	72	66.98	308
17	1	60.611	154	8.83	188	67.72	59	70.06	326
27	1	60.765	118	10.71	211	68.31	45	73.32	337
Nov. 6	0	60.883	81	12.82	226	68.76	29	76.69	342
15	23	60.964	42	15.08	230	69.05	12	80.11	337
25	23	61.006	5	17.38	227	69.17	5	83.48	325
Dez. 5	22	61.011	32	19.65	212	69.12	22	86.73	303
15	21	60.979	69	21.77	192	68.90	39	89.76	273
25	21	60.910	102	23.69	163	68.51	55	92.49	233
35	20	60.808		25.32		67.96		94.82	
Mittl. Ort		58.116		26.70		59.45		68.63	
sec δ, tg δ		1.146		−0.561		4.609		+4.499	

Welt-Zeit		120) α Persei AR.		Dekl.		121) ο Tauri AR.		Dekl.	
1927	h	$3^h\ 19^m$		$+49°\ 36'$		$3^h\ 20^m$		$+8°\ 46'$	
Jan. 0	20	6.080	143	15.11	112	52.770	73	18.27	50
10	20	5.937	189	16.23	77	52.697	103	17.77	48
20	19	5.748	226	17.00	41	52.594	127	17.29	45
30	18	5.522	253	17.41	2	52.467	146	16.84	42
Feb. 9	18	5.269	266	17.43	37	52.321	158	16.42	36
19	17	5.003	266	17.06	72	52.163	159	16.06	29
März 1	17	4.737	251	16.34	105	52.004	153	15.77	21
11	16	4.486	222	15.29	132	51.851	135	15.56	10
21	15	4.264	179	13.97	153	51.716	110	15.46	2
31	15	4.085	126	12.44	166	51.606	76	15.48	17
Apr. 10	14	3.959	65	10.78	172	51.530	37	15.65	34
20	13	3.894	2	9.06	170	51.493	8	15.99	52
30	13	3.896	71	7.36	161	51.501	53	16.51	71
Mai 10	12	3.967	140	5.75	145	51.554	101	17.22	90
20	11	4.107	205	4.30	123	51.655	145	18.12	108
30	11	4.312	265	3.07	96	51.800	186	19.20	126
Juni 9	10	4.577	317	2.11	67	51.986	222	20.46	139
19	9	4.894	361	1.44	36	52.208	254	21.85	150
29	9	5.255	396	1.08	2	52.462	277	23.35	158
Juli 9	8	5.651	420	1.06	31	52.739	294	24.93	160
19	7	6.071	435	1.37	63	53.033	304	26.53	159
29	7	6.506	441	2.00	92	53.337	308	28.12	153
Aug. 8	6	6.947	437	2.92	121	53.645	305	29.65	142
18	5	7.384	426	4.13	145	53.950	296	31.07	128
28	5	7.810	409	5.58	167	54.246	284	32.35	110
Sept. 7	4	8.219	386	7.25	185	54.530	266	33.45	90
17	3	8.605	357	9.10	200	54.796	246	34.35	69
27	3	8.962	324	11.10	212	55.042	223	35.04	47
Okt. 7	2	9.286	289	13.22	219	55.265	199	35.51	27
17	1	9.575	248	15.41	224	55.464	172	35.78	7
27	1	9.823	205	17.65	224	55.636	145	35.85	9
Nov. 6	0	10.028	158	19.89	220	55.781	114	35.76	24
15	23	10.186	108	22.09	213	55.895	83	35.52	34
25	23	10.294	55	24.22	200	55.978	52	35.18	42
Dez. 5	22	10.349	0	26.22	182	56.030	18	34.76	47
15	21	10.349	54	28.04	160	56.048	17	34.29	49
25	21	10.295	108	29.64	132	56.031	50	33.80	49
35	20	10.187		30.96		55.981		33.31	
Mittl. Ort		6.048		9.78		52.928		22.75	
sec δ, tg δ		1.543		+1.175		1.012		+0.154	

Welt-Zeit		122) 2 H. Camelop. AR.		Dekl.		125) f Tauri AR.		Dekl.		127) ε Eridani*) AR.		Dekl.		131) δ Persei AR.		Dekl.	
1927		3h 23m		+59° 41′		3h 26m		+12° 41′		3h 29m		−9° 41′		3h 37m		+47° 33′	
Jan. 0	21h	8.815s	204	22.36″	154	50.234s	70	11.67″	35	29.372s	82	85.53″	112	43.207s	115	24.50″	116
10	20	8.611	262	23.90	113	50.164	101	11.32	37	29.290	111	86.65	93	43.092	163	25.66	86
20	19	8.349	310	25.03	70	50.063	127	10.95	37	29.179	136	87.58	71	42.929	204	26.52	52
30	19	8.039	344	25.73	23	49.936	148	10.58	37	29.043	155	88.29	46	42.725	234	27.04	18
Feb. 9	18	7.695	360	25.96	24	49.788	159	10.21	37	28.888	165	88.75	22	42.491	252	27.22	18
19	17	7.335	360	25.72	70	49.629	163	9.84	33	28.723	168	88.97	4	42.239	258	27.04	53
März 1	17	6.975	340	25.02	111	49.466	157	9.51	29	28.555	161	88.93	30	41.981	248	26.51	85
11	16	6.635	302	23.91	147	49.309	140	9.22	23	28.394	146	88.63	55	41.733	225	25.66	112
21	15	6.333	249	22.44	177	49.169	115	8.99	13	28.248	121	88.08	82	41.508	188	24.54	133
31	15	6.084	181	20.67	197	49.054	81	8.86	2	28.127	90	87.26	107	41.320	141	23.21	148
Apr. 10	14	5.903	104	18.70	210	48.973	41	8.84	13	28.037	51	86.19	131	41.179	83	21.73	157
20	13	5.799	20	16.60	213	48.932	3	8.97	29	27.986	9	84.88	155	41.096	20	20.16	157
30	13	5.779	67	14.47	207	48.935	50	9.26	47	27.977	37	83.33	176	41.076	46	18.59	150
Mai 10	12	5.846	153	12.40	195	48.985	97	9.73	66	28.014	83	81.57	193	41.122	112	17.09	138
20	11	5.999	236	10.45	174	49.082	143	10.39	84	28.097	127	79.64	209	41.234	177	15.71	120
30	11	6.235	312	8.71	147	49.225	184	11.23	102	28.224	169	77.55	218	41.411	236	14.51	97
Juni 9	10	6.547	378	7.24	117	49.409	222	12.25	118	28.393	206	75.37	224	41.647	289	13.54	71
19	9	6.925	436	6.07	82	49.631	254	13.43	131	28.599	238	73.13	223	41.936	334	12.83	42
29	9	7.361	480	5.25	44	49.885	278	14.74	140	28.837	264	70.90	218	42.270	370	12.41	12
Juli 9	8	7.841	513	4.81	7	50.163	297	16.14	147	29.101	283	68.72	206	42.640	398	12.29	18
19	8	8.354	534	4.74	31	50.460	307	17.61	149	29.384	294	66.66	189	43.038	416	12.47	47
29	7	8.888	545	5.05	68	50.767	311	19.10	146	29.678	300	64.77	165	43.454	424	12.94	74
Aug. 8	6	9.433	543	5.73	103	51.078	310	20.56	139	29.978	299	63.12	138	43.878	426	13.68	101
18	6	9.976	532	6.76	137	51.388	301	21.95	129	30.277	292	61.74	106	44.304	419	14.69	124
28	5	10.508	512	8.13	167	51.689	290	23.24	115	30.569	280	60.68	71	44.723	406	15.93	144
Sept. 7	4	11.020	485	9.80	194	51.979	273	24.39	99	30.849	263	59.97	34	45.129	387	17.37	162
17	4	11.505	451	11.74	217	52.252	253	25.38	81	31.112	243	59.63	1	45.516	363	18.99	176
27	3	11.956	409	13.91	236	52.505	231	26.19	63	31.355	220	59.64	37	45.879	335	20.75	188
Okt. 7	2	12.365	364	16.27	252	52.736	208	26.82	45	31.575	194	60.01	69	46.214	303	22.63	196
17	2	12.729	312	18.79	262	52.944	181	27.27	28	31.769	167	60.70	97	46.517	266	24.59	202
27	1	13.041	255	21.41	269	53.125	153	27.55	12	31.936	137	61.67	119	46.783	227	26.61	204
Nov. 6	0	13.296	193	24.10	269	53.278	124	27.67	1	32.073	107	62.86	136	47.010	183	28.65	203
16	0	13.489	126	26.79	263	53.402	92	27.66	11	32.180	75	64.22	145	47.193	135	30.68	198
25	23	13.615	56	29.42	253	53.494	59	27.55	19	32.255	41	65.67	148	47.328	84	32.66	189
Dez. 5	22	13.671	16	31.95	234	53.553	25	27.36	25	32.296	7	67.15	145	47.412	30	34.55	175
15	22	13.655	88	34.29	209	53.578	11	27.11	30	32.303	27	68.60	136	47.442	24	36.30	157
25	21	13.567	158	36.38	177	53.567	45	26.81	33	32.276	59	69.96	122	47.418	78	37.87	133
35	20	13.409		38.15		53.522		26.48		32.217		71.18		47.340		39.20	
Mittl. Ort		8.513		15.39		50.374		15.07		29.411		76.24		43.120		20.05	
sec δ, tg δ		1.981		+1.710		1.025		+0.225		1.014		−0.171		1.482		+1.093	

*) Die jährliche Parallaxe (0.32″) ist bereits berücksichtigt

Welt-Zeit		134) ν Persei AR.		134) ν Persei Dekl.		138) 5 H. Camelop. AR.		138) 5 H. Camelop. Dekl.		139) η Tauri AR.		139) η Tauri Dekl.		141) β Reticuli AR.		141) β Reticuli Dekl.	
1927	h	$3^h\ 40^m$		+42° 20′		$3^h\ 42^m$		+71° 6′		$3^h\ 43^m$		+23° 52′		$3^h\ 43^m$		−65° 1′	
Jan. 0	21	13.676 s	96	60.91 ″	95	38.44 s	33	41.95 ″	213	8.398 s	64	49.54 ″	14	18.68 s	36	89.84 ″	199
10	20	13.580	140	61.86	69	38.11	42	44.08	169	8.334	101	49.68	3	18.32	42	91.83	148
20	20	13.440	179	62.55	41	37.69	51	45.77	121	8.233	131	49.71	7	17.90	47	93.31	92
30	19	13.261	207	62.96	10	37.18	56	46.98	68	8.102	156	49.64	19	17.43	50	94.23	34
Feb. 9	18	13.054	226	63.06	20	36.62	60	47.66	14	7.946	173	49.45	29	16.93	51	94.57	24
19	18	12.828	231	62.86	49	36.02	60	47.80	42	7.773	179	49.16	38	16.42	51	94.33	80
März 1	17	12.597	224	62.37	77	35.42	58	47.38	93	7.594	175	48.78	47	15.91	50	93.53	135
11	16	12.373	203	61.60	99	34.84	53	46.45	140	7.419	159	48.31	51	15.41	46	92.18	185
21	16	12.170	171	60.61	115	34.31	45	45.05	180	7.260	135	47.80	53	14.95	41	90.33	230
31	15	11.999	127	59.46	128	33.86	35	43.25	212	7.125	99	47.27	51	14.54	36	88.03	271
Apr. 10	14	11.872	75	58.18	133	33.51	24	41.13	234	7.026	58	46.76	44	14.18	28	85.32	305
20	14	11.797	18	56.85	131	33.27	12	38.79	248	6.968	12	46.32	34	13.90	20	82.27	333
30	13	11.779	43	55.54	124	33.15	1	36.31	251	6.956	38	45.98	21	13.70	12	78.94	354
Mai 10	12	11.822	105	54.30	110	33.16	15	33.80	245	6.994	89	45.77	5	13.58	3	75.40	366
20	12	11.927	163	53.20	93	33.31	27	31.35	230	7.083	137	45.72	14	13.55	7	71.74	371
30	11	12.090	218	52.27	70	33.58	39	29.05	208	7.220	183	45.86	32	13.62	15	68.03	367
Juni 9	10	12.308	268	51.57	46	33.97	50	26.97	180	7.403	223	46.18	51	13.77	24	64.36	354
19	10	12.576	309	51.11	20	34.47	60	25.17	146	7.626	259	46.69	70	14.01	33	60.82	333
29	9	12.885	343	50.91	7	35.07	67	23.71	108	7.885	286	47.39	85	14.34	40	57.49	302
Juli 9	8	13.228	368	50.98	35	35.74	73	22.63	67	8.171	308	48.24	100	14.74	46	54.47	264
19	8	13.596	385	51.33	60	36.47	77	21.96	25	8.479	321	49.24	111	15.20	50	51.83	219
29	7	13.981	393	51.93	83	37.24	80	21.71	17	8.800	328	50.35	118	15.70	54	49.64	166
Aug. 8	6	14.374	395	52.76	105	38.04	82	21.88	59	9.128	329	51.53	123	16.24	56	47.98	109
18	6	14.769	388	53.81	123	38.86	81	22.47	101	9.457	323	52.76	124	16.80	57	46.89	47
28	5	15.157	376	55.04	139	39.67	79	23.48	139	9.780	313	54.00	121	17.37	56	46.42	15
Sept. 7	4	15.533	359	56.43	152	40.46	76	24.87	175	10.093	298	55.21	116	17.93	53	46.57	78
17	4	15.892	337	57.95	161	41.22	71	26.62	209	10.391	281	56.37	109	18.46	48	47.35	138
27	3	16.229	312	59.56	169	41.93	66	28.71	238	10.672	260	57.46	101	18.94	43	48.73	193
Okt. 7	2	16.541	282	61.25	174	42.59	59	31.09	264	10.932	236	58.47	91	19.37	36	50.66	242
17	2	16.823	250	62.99	177	43.18	51	33.73	283	11.168	210	59.38	82	19.73	29	53.08	280
27	1	17.073	215	64.76	176	43.69	42	36.56	299	11.378	182	60.20	72	20.02	20	55.88	309
Nov. 6	1	17.288	174	66.52	173	44.11	32	39.55	308	11.560	151	60.92	64	20.22	11	58.97	325
16	0	17.462	132	68.25	168	44.43	22	42.63	310	11.711	118	61.56	55	20.33	2	62.22	330
25	23	17.594	87	69.93	159	44.65	10	45.73	303	11.829	82	62.11	46	20.35	7	65.52	320
Dez. 5	23	17.681	37	71.52	147	44.75	2	48.76	290	11.911	43	62.57	39	20.28	16	68.72	300
15	22	17.718	12	72.99	130	44.73	14	51.66	268	11.954	3	62.96	30	20.12	25	71.72	268
25	21	17.706	62	74.29	111	44.59	25	54.34	237	11.957	36	63.26	21	19.87	32	74.40	228
35	21	17.644		75.40		44.34		56.71		11.921		63.47		19.55		76.68	
Mittl. Ort		13.650		57.52		37.30		34.26		8.472		50.19		16.68		71.62	
sec δ, tg δ		1.353		+0.911		3.089		+2.922		1.094		+0.443		2.369		−2.148	

Welt-Zeit		140) τ6 Eridani				143) g Eridani				146) γ Hydri				144) ζ Persei			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927		3h 43m		−23° 27′		3h 46m		−36° 24′		3h 48m		−74° 27′		3h 49m		+31° 40′	
	h	s		″		s		″		s		″		s		″	
Jan. 0	21	42.558	92	63.55	160	43.783	126	88.22	189	24.96	64	65.80	196	32.292	67	6.40	51
10	20	42.466	124	65.15	131	43.657	161	90.11	150	24.32	72	67.76	144	32.225	107	6.91	35
20	20	42.342	152	66.46	97	43.496	191	91.61	106	23.60	80	69.20	87	32.118	142	7.26	17
30	19	42.190	174	67.43	60	43.305	214	92.67	62	22.80	84	70.07	30	31.976	170	7.43	1
Feb. 9	18	42.016	187	68.03	24	43.091	227	93.29	14	21.96	86	70.37	29	31.806	188	7.42	21
19	18	41.829	192	68.27	14	42.864	233	93.43	33	21.10	85	70.08	86	31.618	196	7.21	39
März 1	17	41.637	188	68.13	52	42.631	228	93.10	78	20.25	83	69.22	140	31.422	192	6.82	54
11	16	41.449	173	67.61	88	42.403	211	92.32	122	19.42	78	67.82	189	31.230	177	6.28	68
21	16	41.276	151	66.73	122	42.192	187	91.10	163	18.64	70	65.93	235	31.053	150	5.60	77
31	15	41.125	120	65.51	156	42.005	153	89.47	200	17.94	62	63.58	275	30.903	114	4.83	81
Apr. 10	14	41.005	81	63.95	185	41.852	112	87.47	235	17.32	51	60.83	308	30.789	70	4.02	81
20	14	40.924	39	62.10	213	41.740	64	85.12	264	16.81	39	57.75	335	30.719	20	3.21	75
30	13	40.885	8	59.97	236	41.676	14	82.48	288	16.42	26	54.40	354	30.699	32	2.46	66
Mai 10	13	40.893	56	57.61	254	41.662	39	79.60	305	16.16	12	50.86	366	30.731	87	1.80	51
20	12	40.949	103	55.07	268	41.701	91	76.55	317	16.04	2	47.20	369	30.818	139	1.29	35
30	11	41.052	149	52.39	275	41.792	142	73.38	321	16.06	16	43.51	365	30.957	188	0.94	15
Juni 9	11	41.201	190	49.64	276	41.934	189	70.17	318	16.22	30	39.86	351	31.145	232	0.79	6
19	10	41.391	226	46.88	270	42.123	231	66.99	306	16.52	42	36.35	329	31.377	269	0.85	26
29	9	41.617	256	44.18	257	42.354	267	63.93	287	16.94	54	33.06	298	31.646	300	1.11	47
Juli 9	9	41.873	281	41.61	238	42.621	297	61.06	260	17.48	64	30.08	260	31.946	324	1.58	66
19	8	42.154	297	39.23	211	42.918	318	58.46	225	18.12	73	27.48	213	32.270	339	2.24	83
29	7	42.451	308	37.12	178	43.236	332	56.21	185	18.85	78	25.35	160	32.609	348	3.07	98
Aug. 8	7	42.759	311	35.34	139	43.568	338	54.36	137	19.63	83	23.75	103	32.957	350	4.05	109
18	6	43.070	307	33.95	98	43.906	337	52.99	87	20.46	84	22.72	42	33.307	345	5.14	117
28	5	43.377	298	32.97	51	44.243	328	52.12	33	21.30	83	22.30	21	33.652	336	6.31	123
Sept. 7	5	43.675	284	32.46	4	44.571	312	51.79	22	22.13	80	22.51	84	33.988	322	7.54	126
17	4	43.959	264	32.42	42	44.883	291	52.01	76	22.93	74	23.35	143	34.310	304	8.80	127
27	3	44.223	241	32.84	86	45.174	265	52.77	127	23.67	65	24.78	199	34.614	282	10.07	125
Okt. 7	3	44.464	215	33.70	127	45.439	233	54.04	172	24.32	54	26.77	246	34.896	259	11.32	122
17	2	44.679	186	34.97	162	45.672	198	55.76	211	24.86	42	29.23	285	35.155	231	12.54	118
27	1	44.865	154	36.59	189	45.870	159	57.87	241	25.28	28	32.08	312	35.386	202	13.72	114
Nov. 6	1	45.019	119	38.48	208	46.029	119	60.28	260	25.56	14	35.20	328	35.588	168	14.86	108
16	0	45.138	84	40.56	219	46.148	76	62.88	271	25.70	2	38.48	331	35.756	133	15.94	101
25	23	45.222	46	42.75	220	46.224	32	65.59	270	25.68	17	41.79	321	35.889	92	16.95	94
Dez. 5	23	45.268	8	44.95	213	46.256	13	68.29	259	25.51	31	45.00	299	35.981	51	17.89	85
15	22	45.276	30	47.08	198	46.243	57	70.88	237	25.20	45	47.99	267	36.032	8	18.74	74
25	21	45.246	67	49.06	176	46.186	98	73.25	209	24.75	57	50.66	225	36.040	36	19.48	61
35	21	45.179		50.82		46.088		75.34		24.18		52.91		36.004		20.09	
Mittl. Ort		42.361		51.75		43.321		74.05		21.04		47.42		32.315		5.39	
sec δ, tg δ		1.090		−0.434		1.243		−0.738		3.733		−3.597		1.175		+0.617	

Welt-Zeit		145) 9 H. Camelop. AR.		145) Dekl.		147) ε Persei AR.		147) Dekl.		148) ξ Persei AR.		148) Dekl.		149) γ Eridani AR.		149) Dekl.	
1927	h	$3^h\ 50^m$		+60° 53′		$3^h\ 52^m$		+39° 47′		$3^h\ 54^m$		+35° 34′		$3^h\ 54^m$		−13° 42′	
Jan. 0	21	54.38	17	54.47	181	56.993	77	64.09	90	13.420	69	58.48	72	37.468	68	64.12	137
10	20	54.21	24	56.28	144	56.916	123	64.99	67	13.351	110	59.20	52	37.400	101	65.49	115
20	20	53.97	30	57.72	103	56.793	161	65.66	43	13.241	149	59.72	31	37.299	131	66.64	90
30	19	53.67	35	58.75	58	56.632	193	66.09	17	13.092	179	60.03	9	37.168	154	67.54	62
Feb. 9	19	53.32	37	59.33	10	56.439	213	66.26	11	12.913	198	60.12	14	37.014	169	68.16	34
19	18	52.95	38	59.43	35	56.226	223	66.15	38	12.715	208	59.98	36	36.845	177	68.50	4
März 1	17	52.57	37	59.08	80	56.003	218	65.77	62	12.507	205	59.62	56	36.668	175	68.54	26
11	17	52.20	34	58.28	120	55.785	201	65.15	84	12.302	189	59.06	74	36.493	164	68.28	56
21	16	51.86	30	57.08	154	55.584	172	64.31	100	12.113	161	58.32	87	36.329	142	67.72	84
31	15	51.56	23	55.54	181	55.412	133	63.31	111	11.952	124	57.45	94	36.187	114	66.88	113
Apr. 10	15	51.33	16	53.73	200	55.279	84	62.20	117	11.828	80	56.51	98	36.073	78	65.75	139
20	14	51.17	7	51.73	210	55.195	30	61.03	116	11.748	27	55.53	95	35.995	37	64.36	165
30	13	51.10	2	49.63	211	55.165	29	59.87	110	11.721	28	54.58	87	35.958	7	62.71	187
Mai 10	13	51.12	11	47.52	205	55.194	88	58.77	99	11.749	84	53.71	75	35.965	54	60.84	206
20	12	51.23	19	45.47	190	55.282	145	57.78	82	11.833	138	52.96	58	36.019	99	58.78	222
30	11	51.42	28	43.57	170	55.427	199	56.96	63	11.971	189	52.38	40	36.118	143	56.56	232
Juni 9	11	51.70	35	41.87	143	55.626	247	56.33	40	12.160	236	51.98	18	36.261	182	54.24	238
19	10	52.05	41	40.44	113	55.873	290	55.93	16	12.396	276	51.80	4	36.443	217	51.86	237
29	9	52.46	47	39.31	80	56.163	323	55.77	7	12.672	308	51.84	26	36.660	246	49.49	231
Juli 9	9	52.93	51	38.51	44	56.486	350	55.84	32	12.980	334	52.10	47	36.906	270	47.18	219
19	8	53.44	54	38.07	8	56.836	368	56.16	55	13.314	351	52.57	67	37.176	286	44.99	199
29	7	53.98	56	37.99	28	57.204	379	56.71	75	13.665	360	53.24	84	37.462	296	43.00	174
Aug. 8	7	54.54	57	38.27	64	57.583	382	57.46	95	14.025	364	54.08	99	37.758	300	41.26	144
18	6	55.11	56	38.91	98	57.965	378	58.41	110	14.389	360	55.07	112	38.058	298	39.82	110
28	5	55.67	55	39.89	130	58.343	369	59.51	124	14.749	351	56.19	121	38.356	291	38.72	72
Sept. 7	5	56.22	53	41.19	159	58.712	354	60.75	135	15.100	338	57.40	128	38.647	278	38.00	31
17	4	56.75	50	42.78	185	59.066	336	62.10	144	15.438	319	58.68	132	38.925	262	37.69	9
27	3	57.25	47	44.63	209	59.402	313	63.54	149	15.757	299	60.00	135	39.187	242	37.78	47
Okt. 7	3	57.72	42	46.72	228	59.715	287	65.03	154	16.056	274	61.35	135	39.429	220	38.25	84
17	2	58.14	38	49.00	245	60.002	257	66.57	155	16.330	246	62.70	135	39.649	194	39.09	116
27	1	58.52	32	51.45	256	60.259	224	68.12	155	16.576	215	64.05	132	39.843	165	40.25	141
Nov. 6	1	58.84	26	54.01	262	60.483	187	69.67	154	16.791	180	65.37	129	40.008	135	41.66	161
16	0	59.10	18	56.63	263	60.670	146	71.21	150	16.971	143	66.66	124	40.143	102	43.27	172
25	23	59.28	12	59.26	258	60.816	102	72.71	142	17.114	100	67.90	117	40.245	67	44.99	177
Dez. 5	23	59.40	4	61.84	246	60.918	55	74.13	133	17.214	57	69.07	108	40.312	31	46.76	173
15	22	59.44	5	64.30	227	60.973	6	75.46	120	17.271	11	70.15	97	40.343	6	48.49	164
25	21	59.39	12	66.57	201	60.979	44	76.66	103	17.282	37	71.12	82	40.337	42	50.13	149
35	21	59.27		68.58		60.935		77.69		17.245		71.94		40.295		51.62	
Mittl. Ort		53.87		48.32		56.943		61.48		13.402		56.74		37.343		54.88	
sec δ, tg δ		2.056		+1.796		1.302		+0.833		1.230		+0.715		1.029		−0.244	

Welt-Zeit		150) λ Tauri				151) ν Tauri				152) c Persei				154) o^1 Eridani			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927		$3^h\ 56^m$		$+12°\ 17'$		$3^h\ 59^m$		$+5°\ 47'$		$4^h\ 3^m$		$+47°\ 31'$		$4^h\ 8^m$		$-7°\ 1'$	
	h	s		″		s		″		s		″		s		″	
Jan. 0	21	37.955	50	3.54	36	16.261	49	11.39	64	21.479	86	12.65	130	18.170	51	44.13	119
10	21	37.905	85	3.18	35	16.212	84	10.75	58	21.393	139	13.95	105	18.119	86	45.32	102
20	20	37.820	117	2.83	34	16.128	115	10.17	50	21.254	186	15.00	74	18.033	118	46.34	82
30	19	37.703	142	2.49	32	16.013	140	9.67	41	21.068	223	15.74	42	17.915	143	47.16	60
Feb. 9	19	37.561	160	2.17	29	15.873	157	9.26	32	20.845	248	16.16	8 —	17.772	162	47.76	38
19	18	37.401	168	1.88	27	15.716	166	8.94	22	20.597	260	16.24	27	17.610	172	48.14	14 —
März 1	17	37.233	167	1.61	22	15.550	166	8.72	11 —	20.337	258	15.97	59	17.438	172	48.28	9
11	17	37.066	155	1.39	16	15.384	154	8.61	1	20.079	240	15.38	89	17.266	163	48.19	33
21	16	36.911	134	1.23	7 —	15.230	134	8.62	15	19.839	209	14.49	113	17.103	145	47.86	58
31	15	36.777	104	1.16	2	15.096	106	8.77	31	19.630	166	13.36	133	16.958	117	47.28	81
Apr. 10	15	36.673	66	1.18	15	14.990	69	9.08	47	19.464	113	12.03	144	16.841	83	46.47	106
20	14	36.607	24 —	1.33	29	14.921	28 —	9.55	64	19.351	52 —	10.59	150	16.758	43 —	45.41	128
30	13	36.583	22	1.62	45	14.893	17	10.19	81	19.299	12	9.09	149	16.715	1	44.13	149
Mai 10	13	36.605	68	2.07	62	14.910	62	11.00	99	19.311	79	7.60	140	16.716	46	42.64	168
20	12	36.673	115	2.69	79	14.972	108	11.99	116	19.390	144	6.20	128	16.762	90	40.96	185
30	11	36.788	158	3.48	94	15.080	151	13.15	131	19.534	205	4.92	109	16.852	133	39.11	197
Juni 9	11	36.946	198	4.42	109	15.231	189	14.46	142	19.739	261	3.83	88	16.985	174	37.14	206
19	10	37.144	232	5.51	120	15.420	224	15.88	152	20.000	309	2.95	62	17.159	208	35.08	209
29	9	37.376	260	6.71	130	15.644	251	17.40	156	20.309	350	2.33	36	17.367	238	32.99	207
Juli 9	9	37.636	282	8.01	135	15.895	274	18.96	158	20.659	382	1.97	8 —	17.605	261	30.92	199
19	8	37.918	296	9.36	136	16.169	289	20.54	154	21.041	405	1.89	18	17.866	279	28.93	185
29	7	38.214	306	10.72	134	16.458	298	22.08	144	21.446	419	2.07	46	18.145	291	27.08	167
Aug. 8	7	38.520	308	12.06	127	16.756	301	23.52	133	21.865	426	2.53	70	18.436	295	25.41	143
18	6	38.828	305	13.33	116	17.057	299	24.85	115	22.291	425	3.23	93	18.731	295	23.98	114
28	5	39.133	297	14.49	102	17.356	292	26.00	95	22.716	417	4.16	114	19.026	290	22.84	82
Sept. 7	5	39.430	286	15.51	86	17.648	281	26.95	73	23.133	404	5.30	133	19.316	280	22.02	47
17	4	39.716	270	16.37	68	17.929	265	27.68	48	23.537	384	6.63	148	19.596	266	21.55	12 —
27	4	39.986	252	17.05	50	18.194	248	28.16	25	23.921	362	8.11	162	19.862	249	21.43	22
Okt. 7	3	40.238	231	17.55	32	18.442	228	28.41	2 —	24.283	333	9.73	173	20.111	229	21.65	55
17	2	40.469	208	17.87	15	18.670	205	28.43	20	24.616	300	11.46	182	20.340	206	22.20	84
27	2	40.677	182	18.02	1 —	18.875	178	28.23	37	24.916	263	13.28	187	20.546	179	23.04	109
Nov. 6	1	40.859	154	18.03	12	19.053	151	27.86	52	25.179	222	15.15	191	20.725	152	24.13	126
16	0	41.013	122	17.91	21	19.204	120	27.34	62	25.401	174	17.06	190	20.877	120	25.39	139
26	0	41.135	89	17.70	29	19.324	87	26.72	68	25.575	123	18.96	186	20.997	86	26.78	145
Dez. 5	23	41.224	53	17.41	32	19.411	51	26.04	71	25.698	69	20.82	177	21.083	50	28.23	144
15	22	41.277	14 —	17.09	34	19.462	15 —	25.33	70	25.767	11 —	22.59	163	21.133	13 —	29.67	138
25	22	41.291	23	16.75	35	19.477	23	24.63	66	25.778	46	24.22	146	21.146	25	31.05	127
35	21	41.268		16.40		19.454		23.97		25.732		25.68		21.121		32.32	
Mittl. Ort		37.980		6.85		16.258		16.15		21.285		8.93		18.055		36.79	
sec δ, tg δ		1.023		+0.218		1.005		+0.101		1.481		+1.092		1.008		−0.123	

Welt-Zeit		155) α Horologii AR.		155) α Horologii Dekl.		156) α Reticuli AR.		156) α Reticuli Dekl.		160) υ⁴ Eridani AR.		160) υ⁴ Eridani Dekl.		162) δ Tauri AR.		162) δ Tauri Dekl.	
1927	h	4h 11m	Diff.	−42° 28′	Diff.	4h 13m	Diff.	−62° 38′	Diff.	4h 15m	Diff.	−33° 58′	Diff.	4h 18m	Diff.	+17° 22′	Diff.
Jan. 0	21	35.610	131	39.06	221	30.83	29	97.96	236	8.357	96	44.93	207	43.377	33	19.09	12
10	21	35.479	174	41.27	180	30.54	35	100.32	188	8.261	137	47.00	172	43.344	73	18.97	13
20	20	35.305	210	43.07	136	30.19	41	102.20	137	8.124	171	48.72	132	43.271	108	18.84	15
30	19	35.095	239	44.43	88	29.78	44	103.57	81	7.953	199	50.04	89	43.163	139	18.69	17
Feb. 9	19	34.856	259	45.31	37	29.34	47	104.38	24	7.754	219	50.93	44	43.024	160	18.52	20
19	18	34.597	269	45.68	13	28.87	48	104.62	33	7.535	229	51.37	1	42.864	174	18.32	22
März 1	18	34.328	267	45.55	62	28.39	48	104.29	88	7.306	230	51.36	47	42.690	175	18.10	23
11	17	34.061	255	44.93	110	27.91	45	103.41	140	7.076	220	50.89	90	42.515	168	17.87	22
21	16	33.806	232	43.83	155	27.46	42	102.01	190	6.856	199	49.99	133	42.347	148	17.65	20
31	16	33.574	200	42.28	197	27.04	38	100.11	233	6.657	170	48.66	171	42.199	121	17.45	16
Apr. 10	15	33.374	158	40.31	234	26.66	31	97.78	273	6.487	133	46.95	206	42.078	85	17.29	8
20	14	33.216	111	37.97	267	26.35	24	95.05	306	6.354	90	44.89	239	41.993	42	17.21	2
30	14	33.105	58	35.30	293	26.11	16	91.99	332	6.264	41	42.50	265	41.951	3	17.23	14
Mai 10	13	33.047	3	32.37	315	25.95	8	88.67	352	6.223	9	39.85	287	41.954	50	17.37	28
20	12	33.044	54	29.22	329	25.87	0	85.15	363	6.232	60	36.98	302	42.004	98	17.65	43
30	12	33.098	109	25.93	335	25.87	9	81.52	366	6.292	110	33.96	311	42.102	143	18.08	58
Juni 9	11	33.207	161	22.58	333	25.96	17	77.86	360	6.402	157	30.85	311	42.245	185	18.66	72
19	10	33.368	210	19.25	323	26.13	25	74.26	345	6.559	201	27.74	305	42.430	221	19.38	85
29	10	33.578	253	16.02	305	26.38	32	70.81	321	6.760	239	24.69	291	42.651	252	20.23	96
Juli 9	9	33.831	289	12.97	279	26.70	39	67.60	289	6.999	270	21.78	268	42.903	277	21.19	104
19	8	34.120	318	10.18	244	27.09	44	64.71	248	7.269	295	19.10	238	43.180	295	22.23	109
29	8	34.438	339	7.74	202	27.53	47	62.23	200	7.564	313	16.72	201	43.475	306	23.32	111
Aug. 8	7	34.777	352	5.72	154	28.00	50	60.23	146	7.877	324	14.71	158	43.781	313	24.43	108
18	6	35.129	357	4.18	101	28.50	52	58.77	86	8.201	328	13.13	109	44.094	313	25.51	103
28	6	35.486	353	3.17	44	29.02	52	57.91	24	8.529	325	12.04	57	44.407	309	26.54	95
Sept. 7	5	35.839	343	2.73	15	29.54	51	57.67	40	8.854	315	11.47	2	44.716	300	27.49	83
17	4	36.182	325	2.88	72	30.05	48	58.07	103	9.169	300	11.45	52	45.016	288	28.32	71
27	4	36.507	300	3.60	128	30.53	44	59.10	162	9.469	279	11.97	103	45.304	273	29.03	58
Okt. 7	3	36.807	270	4.88	178	30.97	38	60.72	215	9.748	253	13.00	152	45.577	255	29.61	44
17	2	37.077	234	6.66	221	31.35	32	62.87	261	10.001	224	14.52	194	45.832	233	30.05	31
27	2	37.311	193	8.87	257	31.67	25	65.48	296	10.225	189	16.46	228	46.065	208	30.36	20
Nov. 6	1	37.504	148	11.44	282	31.92	17	68.44	320	10.414	151	18.74	252	46.273	181	30.56	11
16	0	37.652	101	14.26	295	32.09	9	71.64	333	10.565	110	21.26	267	46.454	150	30.67	3
26	0	37.753	51	17.21	298	32.18	0	74.97	332	10.675	67	23.93	272	46.604	115	30.70	2
Dez. 5	23	37.804	0	20.19	289	32.18	8	78.29	319	10.742	23	26.65	265	46.719	77	30.68	5
15	22	37.804	50	23.08	270	32.10	17	81.48	295	10.765	23	29.30	250	46.796	38	30.63	8
25	22	37.754	100	25.78	241	31.93	25	84.43	261	10.742	67	31.80	226	46.834	4	30.55	10
35	21	37.654		28.19		31.68		87.04		10.675		34.06		46.830		30.45	
Mittl. Ort		34.821		25.56		28.76		82.45		7.800		32.92		43.335		21.23	
sec δ, tg δ		1.356		−0.915		2.177		−1.934		1.206		−0.674		1.048		+0.313	

Welt-Zeit		164) ε Tauri AR.		164) ε Tauri Dekl.		168) α Tauri AR.		168) α Tauri Dekl.	
1927		$4^h\ 24^m$		$+19°\ 1'$		$4^h\ 31^m$		$+16°\ 21'$	
Jan. 0	22h	21.150 s	29	9.68″	3	43.850 s	23	47.54″	17
10	21	21.121	70	9.65	6	43.827	63	47.37	16
20	20	21.051	106	9.59	8	43.764	101	47.21	17
30	20	20.945	138	9.51	12	43.663	133	47.04	17
Feb. 9	19	20.807	161	9.39	16	43.530	157	46.87	18
19	18	20.646	175	9.23	20	43.373	172	46.69	18
März 1	18	20.471	178	9.03	22	43.201	177	46.51	19
11	17	20.293	171	8.81	24	43.024	171	46.32	17
21	16	20.122	153	8.57	23	42.853	155	46.15	14
31	16	19.969	126	8.34	21	42.698	128	46.01	10
Apr. 10	15	19.843	89	8.13	14	42.570	94	45.91	2
20	15	19.754	48	7.99	6	42.476	54	45.89	7
30	14	19.706	2	7.93	5	42.422	9	45.96	18
Mai 10	13	19.704	46	7.98	17	42.413	38	46.14	32
20	13	19.750	94	8.15	32	42.451	85	46.46	45
30	12	19.844	140	8.47	46	42.536	130	46.91	59
Juni 9	11	19.984	181	8.93	60	42.666	173	47.50	73
19	11	20.165	219	9.53	74	42.839	209	48.23	84
29	10	20.384	250	10.27	85	43.048	241	49.07	94
Juli 9	9	20.634	276	11.12	95	43.289	267	50.01	102
19	9	20.910	295	12.07	100	43.556	286	51.03	105
29	8	21.205	308	13.07	102	43.842	300	52.08	106
Aug. 8	7	21.513	314	14.09	102	44.142	308	53.14	102
18	7	21.827	316	15.11	99	44.450	311	54.16	96
28	6	22.143	313	16.10	91	44.761	309	55.12	87
Sept. 7	5	22.456	304	17.01	83	45.070	302	55.99	74
17	5	22.760	293	17.84	71	45.372	292	56.73	61
27	4	23.053	279	18.55	60	45.664	278	57.34	47
Okt. 7	3	23.332	262	19.15	47	45.942	262	57.81	33
17	3	23.594	240	19.62	36	46.204	242	58.14	20
27	2	23.834	216	19.98	27	46.446	220	58.34	8
Nov. 6	1	24.050	189	20.25	18	46.666	192	58.42	1
16	1	24.239	157	20.43	11	46.858	162	58.41	8
26	0	24.396	122	20.54	7	47.020	128	58.33	12
Dez. 5	23	24.518	85	20.61	4	47.148	90	58.21	15
15	23	24.603	43	20.65	0	47.238	49	58.06	16
25	22	24.646	1	20.65	1	47.287	7	57.90	16
35	21	24.647		20.64		47.294		57.74	
Mittl. Ort		21.091		11.50		43.768		49.84	
sec δ, tg δ		1.058		+0.345		1.042		+0.294	

Welt-Zeit		171) α Doradus AR.		171) α Doradus Dekl.		169) ν Eridani AR.		169) ν Eridani Dekl.	
1927		$4^h\ 32^m$		$-55°\ 11'$		$4^h\ 32^m$		$-3°\ 29'$	
Jan. 0	22h	26.692 s	187	56.06″	254	40.384 s	30	68.05″	112
10	21	26.505	244	58.60	211	40.354	69	69.17	98
20	20	26.261	294	60.71	164	40.285	104	70.15	81
30	20	25.967	333	62.35	111	40.181	133	70.96	62
Feb. 9	19	25.634	360	63.46	57	40.048	156	71.58	42
19	18	25.274	376	64.03	2	39.892	171	72.00	23
März 1	18	24.898	377	64.05	52	39.721	174	72.23	2
11	17	24.521	366	63.53	105	39.547	170	72.25	19
21	16	24.155	342	62.48	155	39.377	154	72.06	41
31	16	23.813	306	60.93	201	39.223	131	71.65	62
Apr. 10	15	23.507	259	58.92	242	39.092	98	71.03	83
20	15	23.248	204	56.50	278	38.994	60	70.20	104
30	14	23.044	141	53.72	309	38.934	19	69.16	124
Mai 10	13	22.903	74	50.63	332	38.915	26	67.92	143
20	13	22.829	5	47.31	348	38.941	70	66.49	159
30	12	22.824	64	43.83	357	39.011	114	64.90	173
Juni 9	11	22.888	133	40.26	355	39.125	154	63.17	182
19	11	23.021	197	36.71	346	39.279	190	61.35	187
29	10	23.218	256	33.25	328	39.469	221	59.48	188
Juli 9	9	23.474	309	29.97	300	39.690	248	57.60	183
19	9	23.783	353	26.97	264	39.938	267	55.77	173
29	8	24.136	388	24.33	220	40.205	282	54.04	158
Aug. 8	7	24.524	413	22.13	170	40.487	290	52.46	137
18	7	24.937	429	20.43	113	40.777	293	51.09	113
28	6	25.366	433	19.30	52	41.070	292	49.96	84
Sept. 7	5	25.799	427	18.78	10	41.362	286	49.12	53
17	5	26.226	409	18.88	73	41.648	275	48.59	20
27	4	26.635	383	19.61	133	41.923	263	48.39	12
Okt. 7	3	27.018	346	20.94	190	42.186	246	48.51	43
17	3	27.364	301	22.84	238	42.432	225	48.94	71
27	2	27.665	249	25.22	278	42.657	203	49.65	94
Nov. 6	1	27.914	189	28.00	307	42.860	176	50.59	113
16	1	28.103	125	31.07	325	43.036	145	51.72	126
26	0	28.228	57	34.32	330	43.181	113	52.98	132
Dez. 5	23	28.285	12	37.62	323	43.294	76	54.30	133
15	23	28.273	80	40.85	305	43.370	37	55.63	129
25	22	28.193	147	43.90	276	43.407	2	56.92	119
35	21	28.046		46.66		43.405		58.11	
Mittl. Ort		25.127		42.81		40.214		62.13	
sec δ, tg δ		1.752		−1.439		1.002		−0.061	

Welt-Zeit		172) 53 Eridani AR.		172) 53 Eridani Dekl.		174) τ Tauri AR.		174) τ Tauri Dekl.	
1927	h	4h 34m		−14° 26′		4h 37m		+22° 49′	
Jan. 0	22	50.442	41	52.47	160	51.776	18	4.50	17
10	21	50.401	79	54.07	137	51.758	61	4.67	14
20	21	50.322	115	55.44	112	51.697	102	4.81	8
30	20	50.207	145	56.56	84	51.595	136	4.89	3
Feb. 9	19	50.062	168	57.40	54	51.459	162	4.92	5
19	19	49.894	182	57.94	24	51.297	180	4.87	12
März 1	18	49.712	187	58.18	7	51.117	185	4.75	20
11	17	49.525	181	58.11	38	50.932	180	4.55	25
21	17	49.344	166	57.73	69	50.752	163	4.30	29
31	16	49.178	143	57.04	97	50.589	138	4.01	30
Apr. 10	15	49.035	110	56.07	126	50.451	102	3.71	28
20	15	48.925	73	54.81	152	50.349	60	3.43	24
30	14	48.852	30	53.29	176	50.289	14	3.19	16
Mai 10	13	48.822	14	51.53	196	50.275	34	3.03	5
20	13	48.836	59	49.57	214	50.309	83	2.98	6
30	12	48.895	103	47.43	227	50.392	130	3.04	19
Juni 9	11	48.998	145	45.16	234	50.522	174	3.23	33
19	11	49.143	182	42.82	236	50.696	212	3.56	47
29	10	49.325	216	40.46	232	50.908	246	4.03	59
Juli 9	9	49.541	243	38.14	222	51.154	274	4.62	70
19	9	49.784	265	35.92	204	51.428	295	5.32	78
29	8	50.049	281	33.88	181	51.723	310	6.10	83
Aug. 8	7	50.330	291	32.07	153	52.033	319	6.93	85
18	7	50.621	295	30.54	118	52.352	322	7.78	86
28	6	50.916	294	29.36	80	52.674	321	8.64	82
Sept. 7	5	51.210	289	28.56	39	52.995	316	9.46	77
17	5	51.499	280	28.17	3	53.311	306	10.23	70
27	4	51.779	264	28.20	43	53.617	293	10.93	62
Okt. 7	3	52.043	247	28.63	83	53.910	277	11.55	54
17	3	52.290	226	29.46	118	54.187	258	12.09	46
27	2	52.516	201	30.64	147	54.445	235	12.55	40
Nov. 6	1	52.717	173	32.11	169	54.680	207	12.95	34
16	1	52.890	141	33.80	185	54.887	175	13.29	30
26	0	53.031	106	35.65	193	55.062	140	13.59	27
Dez. 6	0	53.137	68	37.58	192	55.202	101	13.86	24
15	23	53.205	29	39.50	184	55.303	58	14.10	22
25	22	53.234	13	41.34	171	55.361	14	14.32	20
35	22	53.221		43.05		55.375		14.52	
Mittl. Ort		50.155		44.73		51.676		5.67	
sec δ, tg δ		1.033		−0.258		1.085		+0.421	

Welt-Zeit		173) Grb 848 AR.		173) Grb 848 Dekl.		175) 4 Camelop. AR.		175) 4 Camelop. Dekl.	
1927	h	4h 38m		+75° 48′		4h 41m		+56° 37′	
Jan. 0	22	61.01	27	46.63	269	55.429	64	49.67	192
10	21	60.74	42	49.32	237	55.365	137	51.59	167
20	21	60.32	57	51.69	195	55.228	203	53.26	137
30	20	59.75	67	53.64	147	55.025	259	54.63	102
Feb. 9	19	59.08	76	55.11	94	54.766	300	55.65	62
19	19	58.32	81	56.05	38	54.466	327	56.27	21
März 1	18	57.51	81	56.43	18	54.139	335	56.48	20
11	17	56.70	79	56.25	72	53.804	325	56.28	60
21	17	55.91	72	55.53	124	53.479	297	55.68	96
31	16	55.19	63	54.29	167	53.182	255	54.72	128
Apr. 10	15	54.56	50	52.62	204	52.927	197	53.44	153
20	15	54.06	36	50.58	232	52.730	131	51.91	171
30	14	53.70	20	48.26	251	52.599	56	50.20	181
Mai 10	13	53.50	3	45.75	260	52.543	22	48.39	185
20	13	53.47	13	43.15	260	52.565	100	46.54	181
30	12	53.60	30	40.55	252	52.665	176	44.73	171
Juni 9	11	53.90	46	38.03	236	52.841	247	43.02	156
19	11	54.36	60	35.67	213	53.088	312	41.46	135
29	10	54.96	72	33.54	185	53.400	368	40.11	111
Juli 9	9	55.68	83	31.69	151	53.768	415	39.00	85
19	9	56.51	92	30.18	114	54.183	453	38.15	56
29	8	57.43	99	29.04	75	54.636	482	37.59	26
Aug. 8	7	58.42	104	28.29	33	55.118	500	37.33	2
18	7	59.46	107	27.96	8	55.618	511	37.35	32
28	6	60.53	108	28.04	50	56.129	512	37.67	61
Sept. 7	5	61.61	107	28.54	91	56.641	507	38.28	87
17	5	62.68	104	29.45	130	57.148	494	39.15	113
27	4	63.72	100	30.75	169	57.642	474	40.28	137
Okt. 7	3	64.72	93	32.44	203	58.116	448	41.65	159
17	3	65.65	85	34.47	235	58.564	414	43.24	178
27	2	66.50	75	36.82	263	58.978	374	45.02	195
Nov. 6	1	67.25	63	39.45	286	59.352	326	46.97	209
16	1	67.88	50	42.31	301	59.678	269	49.06	219
26	0	68.38	34	45.32	311	59.947	207	51.25	224
Dez. 6	0	68.72	18	48.43	311	60.154	138	53.49	224
15	23	68.90	1	51.54	303	60.292	64	55.73	217
25	22	68.91	15	54.57	286	60.356	12	57.90	203
35	22	68.76		57.43		60.344		59.93	
Mittl. Ort		58.69		41.14		54.861		46.05	
sec δ, tg δ		4.080		+3.955		1.818		+1.518	

Welt-Zeit		178) 9 Camelop. AR.		Dekl.	
1927	h	$4^h\ 46^m$ s		+66° 13′ ″	
Jan. 0	22	47.88	11	20.20	236
10	21	47.77	21	22.56	210
20	21	47.56	30	24.66	174
30	20	47.26	37	26.40	133
Feb. 9	19	46.89	43	27.73	87
19	19	46.46	46	28.60	38
März 1	18	46.00	48	28.98	12
11	17	45.52	46	28.86	59
21	17	45.06	43	28.27	104
31	16	44.63	37	27.23	143
Apr. 10	15	44.26	29	25.80	175
20	15	43.97	21	24.05	200
30	14	43.76	11	22.05	216
Mai 10	14	43.65	1	19.89	224
20	13	43.64	10	17.65	224
30	12	43.74	20	15.41	216
Juni 9	12	43.94	30	13.25	202
19	11	44.24	39	11.23	181
29	10	44.63	46	9.42	156
Juli 9	10	45.09	53	7.86	127
19	9	45.62	58	6.59	94
29	8	46.20	63	5.65	61
Aug. 8	8	46.83	66	5.04	25
18	7	47.49	67	4.79	11
28	6	48.16	68	4.90	46
Sept. 7	6	48.84	67	5.36	81
17	5	49.51	66	6.17	114
27	4	50.17	64	7.31	146
Okt. 7	4	50.81	60	8.77	176
17	3	51.41	56	10.53	202
27	2	51.97	49	12.55	226
Nov. 6	2	52.46	43	14.81	246
16	1	52.89	35	17.27	260
26	0	53.24	27	19.87	269
Dez. 6	0	53.51	17	22.56	270
15	23	53.68	7	25.26	264
25	22	53.75	4	27.90	250
35	22	53.71		30.40	
Mittl. Ort		46.78		15.83	
sec δ, tg δ		2.480		+2.270	

Welt-Zeit		180) π^5 Orionis AR.		Dekl.	
1927	h	$4^h\ 50^m$ s		+2° 19′ ″	
Jan. 0	22	27.022	12	15.80	90
10	21	27.010	53	14.90	78
20	21	26.957	91	14.12	66
30	20	26.866	123	13.46	52
Feb. 9	19	26.743	150	12.94	38
19	19	26.593	167	12.56	23
März 1	18	26.426	174	12.33	8
11	17	26.252	172	12.25	7
21	17	26.080	159	12.32	23
31	16	25.921	137	12.55	39
Apr. 10	15	25.784	108	12.94	57
20	15	25.676	71	13.51	73
30	14	25.605	30	14.24	91
Mai 10	14	25.575	14	15.15	107
20	13	25.589	59	16.22	122
30	12	25.648	102	17.44	135
Juni 9	12	25.750	142	18.79	146
19	11	25.892	179	20.25	154
29	10	26.071	212	21.79	156
Juli 9	10	26.283	239	23.35	156
19	9	26.522	261	24.91	150
29	8	26.783	276	26.41	139
Aug. 8	8	27.059	287	27.80	124
18	7	27.346	293	29.04	105
28	6	27.639	294	30.09	82
Sept. 7	6	27.933	290	30.91	56
17	5	28.223	283	31.47	29
27	4	28.506	273	31.76	1
Okt. 7	4	28.779	259	31.77	25
17	3	29.038	241	31.52	49
27	2	29.279	221	31.03	70
Nov. 6	2	29.500	196	30.33	86
16	1	29.696	167	29.47	98
26	0	29.863	134	28.49	103
Dez. 6	0	29.997	98	27.46	105
15	23	30.095	58	26.41	102
25	22	30.153	17	25.39	95
35	22	30.170		24.44	
Mittl. Ort		26.842		20.27	
sec δ, tg δ		1.001		+0.041	

Welt-Zeit		181) ι Aurigae AR.		Dekl.	
1927	h	$4^h\ 52^m$ s		+33° 3′ ″	
Jan. 0	22	14.393	8	7.59	74
10	21	14.385	58	8.33	65
20	21	14.327	105	8.98	54
30	20	14.222	145	9.52	39
Feb. 9	19	14.077	176	9.91	23
19	19	13.901	197	10.14	6
März 1	18	13.704	207	10.20	13
11	17	13.497	203	10.07	30
21	17	13.294	188	9.77	44
31	16	13.106	161	9.33	56
Apr. 10	15	12.945	125	8.77	65
20	15	12.820	81	8.12	68
30	14	12.739	31	7.44	68
Mai 10	14	12.708	21	6.76	63
20	13	12.729	74	6.13	56
30	12	12.803	126	5.57	45
Juni 9	12	12.929	174	5.12	32
19	11	13.103	217	4.80	18
29	10	13.320	255	4.62	3
Juli 9	10	13.575	287	4.59	13
19	9	13.862	313	4.72	26
29	8	14.175	331	4.98	38
Aug. 8	8	14.506	343	5.36	50
18	7	14.849	350	5.86	58
28	6	15.199	351	6.44	66
Sept. 7	6	15.550	348	7.10	70
17	5	15.898	341	7.80	74
27	4	16.239	329	8.54	76
Okt. 7	4	16.568	314	9.30	79
17	3	16.882	294	10.09	80
27	2	17.176	271	10.89	81
Nov. 6	2	17.447	242	11.70	83
16	1	17.689	207	12.53	85
26	0	17.896	170	13.38	85
Dez. 6	0	18.066	125	14.23	85
15	23	18.191	77	15.08	83
25	22	18.268	28	15.91	79
35	22	18.296		16.70	
Mittl. Ort		14.214		7.33	
sec δ, tg δ		1.193		+0.651	

Welt-Zeit		183) ε Aurigae AR.		Dekl.	
1927	h	$4^h\ 56^m$ s		+43° 42′ ″	
Jan. 0	22	43.901	12	62.38	133
10	21	43.889	72	63.71	118
20	21	43.817	125	64.89	99
30	20	43.692	172	65.88	76
Feb. 9	19	43.520	209	66.64	50
19	19	43.311	234	67.14	22
März 1	18	43.077	244	67.36	8
11	17	42.833	242	67.28	35
21	17	42.591	225	66.93	61
31	16	42.366	194	66.32	83
Apr. 10	15	42.172	153	65.49	100
20	15	42.019	104	64.49	113
30	14	41.915	47	63.36	119
Mai 10	14	41.868	13	62.17	119
20	13	41.881	73	60.98	116
30	12	41.954	133	59.82	107
Juni 9	12	42.087	188	58.75	94
19	11	42.275	238	57.81	79
29	10	42.513	283	57.02	61
Juli 9	10	42.796	320	56.41	41
19	9	43.116	351	56.00	22
29	8	43.467	373	55.78	2
Aug. 8	8	43.840	389	55.76	17
18	7	44.229	399	55.93	35
28	6	44.628	402	56.28	52
Sept. 7	6	45.030	399	56.80	67
17	5	45.429	392	57.47	82
27	4	45.821	380	58.29	95
Okt. 7	4	46.201	363	59.24	107
17	3	46.564	340	60.31	117
27	2	46.904	313	61.48	128
Nov. 6	2	47.217	280	62.76	136
16	1	47.497	240	64.12	142
26	0	47.737	194	65.54	147
Dez. 6	0	47.931	143	67.01	149
15	23	48.074	87	68.50	146
25	22	48.161	28	69.96	139
35	22	48.189		71.35	
Mittl. Ort		43.598		60.81	
sec δ, tg δ		1.384		+0.956	

Welt-Zeit		182) 10 Camelop				184) ι Tauri				185) η Aurigae				186) ε Leporis			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927		$4^h 56^m$		+60° 20′		$4^h 58^m$		+21° 29′		$5^h 1^m$		+41° 8′		$5^h 2^m$		−22° 27′	
Jan. 0	22^h	55.76^s	5	19.03″	215	43.986^s	2	12.12″	11	23.819^s	5	15.70″	119	22.716^s	31	72.49″	204
10	22	55.71	14	21.18	193	43.988	45	12.23	10	23.814	61	16.89	108	22.685	74	74.53	179
20	21	55.57	21	23.11	163	43.943	86	12.33	8	23.753	113	17.97	91	22.611	113	76.32	149
30	20	55.36	28	24.74	127	43.857	124	12.41	5	23.640	160	18.88	71	22.498	149	77.81	116
Feb. 9	20	55.08	33	26.01	87	43.733	154	12.46	1	23.480	196	19.59	48	22.349	176	78.97	79
19	19	54.75	36	26.88	43	43.579	175	12.47	5	23.284	222	20.07	22	22.173	195	79.76	42
März 1	18	54.39	38	27.31	2	43.404	184	12.42	9	23.062	233	20.29	4	21.978	205	80.18	5
11	18	54.01	37	27.29	45	43.220	183	12.33	15	22.829	231	20.25	30	21.773	203	80.23	33
21	17	53.64	35	26.84	85	43.037	170	12.18	18	22.598	216	19.95	53	21.570	192	79.90	70
31	16	53.29	30	25.99	121	42.867	147	12.00	19	22.382	188	19.42	73	21.378	172	79.20	104
Apr. 10	16	52.99	25	24.78	152	42.720	115	11.81	18	22.194	149	18.69	88	21.206	142	78.16	138
20	15	52.74	17	23.26	174	42.605	77	11.63	15	22.045	102	17.81	100	21.064	107	76.78	169
30	14	52.57	9	21.52	190	42.528	32	11.48	8	21.943	49	16.81	105	20.957	66	75.09	197
Mai 10	14	52.48	1	19.62	198	42.496	14	11.40	0	21.894	9	15.76	106	20.891	21	73.12	221
20	13	52.47	7	17.64	199	42.510	63	11.40	11	21.903	67	14.70	103	20.870	24	70.91	241
30	12	52.54	16	15.65	193	42.573	108	11.51	22	21.970	124	13.67	94	20.894	69	68.50	255
Juni 9	12	52.70	24	13.72	180	42.681	153	11.73	33	22.094	178	12.73	82	20.963	113	65.95	263
19	11	52.94	32	11.92	162	42.834	193	12.06	44	22.272	226	11.91	67	21.076	154	63.32	266
29	10	53.26	38	10.30	140	43.027	227	12.50	55	22.498	269	11.24	51	21.230	191	60.66	261
Juli 9	10	53.64	43	8.90	114	43.254	257	13.05	64	22.767	306	10.73	33	21.421	223	58.05	249
19	9	54.07	48	7.76	86	43.511	280	13.69	70	23.073	335	10.40	16	21.644	249	55.56	229
29	8	54.55	52	6.90	57	43.791	298	14.39	73	23.408	358	10.24	2	21.893	271	53.27	203
Aug. 8	8	55.07	54	6.33	25	44.089	309	15.12	75	23.766	374	10.26	19	22.164	286	51.24	170
18	7	55.61	56	6.08	5	44.398	316	15.87	72	24.140	384	10.45	34	22.450	296	49.54	132
28	6	56.17	56	6.13	37	44.714	319	16.59	68	24.524	387	10.79	49	22.746	301	48.22	88
Sept. 7	6	56.73	57	6.50	67	45.033	317	17.27	62	24.911	386	11.28	62	23.047	300	47.34	42
17	5	57.30	55	7.17	95	45.350	310	17.89	53	25.297	379	11.90	73	23.347	294	46.92	7
27	4	57.85	54	8.12	123	45.660	301	18.42	45	25.676	368	12.63	84	23.641	284	46.99	55
Okt. 7	4	58.39	51	9.35	150	45.961	288	18.87	36	26.044	353	13.47	94	23.925	269	47.54	101
17	3	58.90	47	10.85	173	46.249	270	19.23	27	26.397	332	14.41	104	24.194	250	48.55	142
27	2	59.37	44	12.58	195	46.519	251	19.50	21	26.729	307	15.45	112	24.444	226	49.97	178
Nov. 6	2	59.81	38	14.53	213	46.770	225	19.71	16	27.036	276	16.57	119	24.670	198	51.75	206
16	1	60.19	32	16.66	227	46.995	196	19.87	12	27.312	238	17.76	125	24.868	165	53.81	227
26	1	60.51	25	18.93	236	47.191	161	19.99	11	27.550	195	19.01	130	25.033	128	56.08	237
Dez. 6	0	60.76	18	21.29	240	47.352	122	20.10	11	27.745	146	20.31	132	25.161	87	58.45	239
15	23	60.94	9	23.69	237	47.474	79	20.21	11	27.891	93	21.63	130	25.248	45	60.84	232
25	23	61.03	0	26.06	225	47.553	34	20.32	11	27.984	36	22.93	125	25.293	1	63.16	217
35	22	61.03		28.31		47.587		20.43		28.020		24.18		25.292		65.33	
Mittl. Ort		54.99		15.66		43.836		13.59		23.541		14.58		22.221		64.99	
sec δ, tg δ		2.021		+1.756		1.075		+0.394		1.328		+0.873		1.082		−0.414	

Welt-Zeit		188) β Eridani AR.		Dekl.		192) μ Aurigae AR.		Dekl.		191) 19 H. Camelop. AR.		Dekl.		194) β Orionis AR.		Dekl.	
1927		5ʰ 4ᵐ		−5° 10′		5ʰ 8ᵐ		+38° 23′		5ʰ 10ᵐ		+79° 8′		5ʰ 11ᵐ		−8° 16′	
Jan. 0	22ʰ	15.884ˢ	7	51.89″	131	26.069ˢ	6	59.25″	106	33.00ˢ	23	68.67″	296	2.034ˢ	3	70.69″	148
10	22	15.877	49	53.20	115	26.075	49	60.31	97	32.77	44	71.63	271	2.031	47	72.17	130
20	21	15.828	87	54.35	96	26.026	101	61.28	83	32.33	64	74.34	235	1.984	87	73.47	109
30	20	15.741	122	55.31	75	25.925	147	62.11	66	31.69	81	76.69	192	1.897	122	74.56	86
Feb. 9	20	15.619	150	56.06	54	25.778	183	62.77	46	30.88	95	78.61	140	1.775	150	75.42	62
19	19	15.469	169	56.60	32	25.595	209	63.23	24	29.93	103	80.01	85	1.625	170	76.04	37
März 1	18	15.300	179	56.92	9	25.386	223	63.47	0	28.90	107	80.86	27	1.455	182	76.41	11
11	18	15.121	179	57.01	14	25.163	223	63.47	22	27.83	107	81.13	30	1.273	182	76.52	14
21	17	14.942	168	56.87	36	24.940	209	63.25	43	26.76	101	80.83	85	1.091	173	76.38	40
31	16	14.774	148	56.51	58	24.731	184	62.82	61	25.75	91	79.98	136	0.918	154	75.98	65
Apr. 10	16	14.626	121	55.93	81	24.547	147	62.21	75	24.84	78	78.62	179	0.764	127	75.33	89
20	15	14.505	85	55.12	102	24.400	103	61.46	85	24.06	61	76.83	216	0.637	93	74.44	113
30	14	14.420	46	54.10	123	24.297	52	60.61	91	23.45	42	74.67	242	0.544	54	73.31	135
Mai 10	14	14.374	4	52.87	142	24.245	3	59.70	91	23.03	21	72.25	261	0.490	12	71.96	155
20	13	14.370	40	51.45	158	24.248	58	58.79	87	22.82	0	69.64	270	0.478	31	70.41	172
30	12	14.410	83	49.87	172	24.306	113	57.92	80	22.82	22	66.94	270	0.509	74	68.69	186
Juni 9	12	14.493	124	48.15	182	24.419	165	57.12	69	23.04	42	64.24	262	0.583	116	66.83	196
19	11	14.617	161	46.33	188	24.584	212	56.43	56	23.46	62	61.62	246	0.699	154	64.87	202
29	11	14.778	196	44.45	188	24.796	254	55.87	42	24.08	80	59.16	223	0.853	188	62.85	202
Juli 9	10	14.974	224	42.57	185	25.050	290	55.45	26	24.88	95	56.93	195	1.041	217	60.83	196
19	9	15.198	248	40.72	174	25.340	319	55.19	10	25.83	109	54.98	162	1.258	243	58.87	185
29	9	15.446	266	38.98	159	25.659	342	55.09	5	26.92	120	53.36	126	1.501	262	57.02	167
Aug. 8	8	15.712	279	37.39	138	26.001	358	55.14	19	28.12	129	52.10	86	1.763	276	55.35	145
18	7	15.991	287	36.01	112	26.359	368	55.33	32	29.41	136	51.24	45	2.039	285	53.90	117
28	7	16.278	290	34.89	83	26.727	373	55.65	44	30.77	139	50.79	3	2.324	289	52.73	84
Sept. 7	6	16.568	289	34.06	50	27.100	372	56.09	54	32.16	140	50.76	40	2.613	290	51.89	50
17	5	16.857	284	33.56	16	27.472	368	56.63	63	33.56	139	51.16	83	2.903	286	51.39	13
27	5	17.141	276	33.40	19	27.840	359	57.26	72	34.95	136	51.99	124	3.189	278	51.26	25
Okt. 7	4	17.417	263	33.59	51	28.199	345	57.98	79	36.31	129	53.23	164	3.467	267	51.51	61
17	3	17.680	247	34.10	82	28.544	327	58.77	87	37.60	120	54.87	202	3.734	251	52.12	93
27	3	17.927	227	34.92	108	28.871	303	59.64	93	38.80	109	56.89	236	3.985	231	53.05	122
Nov. 6	2	18.154	203	36.00	128	29.174	274	60.57	100	39.89	94	59.25	266	4.216	207	54.27	144
16	1	18.357	174	37.28	143	29.448	239	61.57	106	40.83	78	61.91	290	4.423	179	55.71	160
26	1	18.531	142	38.71	151	29.687	198	62.63	110	41.61	58	64.81	308	4.602	146	57.31	169
Dez. 6	0	18.673	104	40.22	152	29.885	151	63.73	113	42.19	38	67.89	317	4.748	109	59.00	172
15	23	18.777	65	41.74	148	30.036	100	64.86	113	42.57	15	71.06	317	4.857	69	60.72	167
25	23	18.842	23	43.22	139	30.136	45	65.99	110	42.72	7	74.23	308	4.926	26	62.39	157
35	22	18.865		44.61		30.181		67.09		42.65		77.31		4.952		63.96	
Mittl. Ort		15.613		46.71		25.808		58.64		29.43		64.65		1.717		65.35	
sec δ, tg δ		1.004		−0.091		1.276		+0.792		5.313		+5.218		1.011		−0.146	

Welt-Zeit		193) α Aurigae AR.	Diff.	193) α Aurigae Dekl.	Diff.	196) ϑ Doradus AR.	Diff.	196) ϑ Doradus Dekl.	Diff.
1927		$5^h\ 11^m$		+45° 55′		$5^h\ 13^m$		−67° 15′	
Jan. 0	22^h	$17^s.965$	3	33″.23	146	$51^s.80$	26	72″.69	296
10	22	17.968	59	34.69	134	51.54	35	75.65	258
20	21	17.909	117	36.03	116	51.19	44	78.23	215
30	20	17.792	169	37.19	93	50.75	51	80.38	165
Feb. 9	20	17.623	210	38.12	66	50.24	55	82.03	111
19	19	17.413	240	38.78	37	49.69	59	83.14	56
März 1	19	17.173	254	39.15	6	49.10	61	83.70	0
11	18	16.919	255	39.21	25	48.49	60	83.70	55
21	17	16.664	241	38.96	52	47.89	58	83.15	108
31	17	16.423	213	38.44	78	47.31	55	82.07	158
Apr. 10	16	16.210	172	37.66	99	46.76	49	80.49	204
20	15	16.038	123	36.67	115	46.27	43	78.45	247
30	15	15.915	67	35.52	125	45.84	34	75.98	282
Mai 10	14	15.848	7	34.27	130	45.50	26	73.16	313
20	13	15.841	56	32.97	129	45.24	17	70.03	336
30	13	15.897	117	31.68	123	45.07	7	66.67	350
Juni 9	12	16.014	175	30.45	113	45.00	3	63.17	357
19	11	16.189	228	29.32	100	45.03	13	59.60	355
29	11	16.417	276	28.32	83	45.16	22	56.05	344
Juli 9	10	16.693	317	27.49	65	45.38	31	52.61	323
19	9	17.010	351	26.84	46	45.69	39	49.38	292
29	9	17.361	377	26.38	26	46.08	46	46.46	253
Aug. 8	8	17.738	396	26.12	7	46.54	52	43.93	206
18	7	18.134	409	26.05	13	47.06	56	41.87	152
28	7	18.543	415	26.18	31	47.62	59	40.35	92
Sept. 7	6	18.958	416	26.49	48	48.21	60	39.43	29
17	5	19.374	412	26.97	65	48.81	59	39.14	37
27	5	19.786	401	27.62	81	49.40	57	39.51	101
Okt. 7	4	20.187	387	28.43	96	49.97	53	40.52	162
17	3	20.574	366	29.39	109	50.50	48	42.14	218
27	3	20.940	340	30.48	122	50.98	40	44.32	265
Nov. 6	2	21.280	307	31.70	134	51.38	32	46.97	304
16	1	21.587	267	33.04	144	51.70	22	50.01	330
26	1	21.854	220	34.48	152	51.92	12	53.31	345
Dez. 6	0	22.074	167	36.00	156	52.04	1	56.76	346
15	23	22.241	109	37.56	156	52.05	9	60.22	337
25	23	22.350	47	39.12	152	51.96	20	63.59	314
35	22	22.397		40.64		51.76		66.73	
Mittl. Ort		17.592		31.86		48.53		62.76	
sec δ, tg δ		1.438		+1.033		2.588		−2.387	

Welt-Zeit		201) γ Orionis AR.	Diff.	201) γ Orionis Dekl.	Diff.	202) β Tauri AR.	Diff.	202) β Tauri Dekl.	Diff.
1927		$5^h\ 21^m$		+6° 16′		$5^h\ 21^m$		+28° 32′	
Jan. 0	22^h	$13^s.114$	17	61″.78	76	$40^s.766$	24	49″.58	51
10	22	13.131	28	61.02	66	40.790	27	50.09	49
20	21	13.103	70	60.36	55	40.763	75	50.58	45
30	20	13.033	107	59.81	43	40.688	118	51.03	37
Feb. 9	20	12.926	138	59.38	32	40.570	154	51.40	28
19	19	12.788	161	59.06	20	40.416	180	51.68	16
März 1	19	12.627	174	58.86	9	40.236	195	51.84	4
11	18	12.453	176	58.77	2	40.041	197	51.88	9
21	17	12.277	169	58.79	14	39.844	188	51.79	19
31	17	12.108	151	58.93	26	39.656	168	51.60	29
Apr. 10	16	11.957	124	59.19	39	39.488	138	51.31	36
20	15	11.833	91	59.58	53	39.350	99	50.95	40
30	15	11.742	52	60.11	66	39.251	54	50.55	41
Mai 10	14	11.690	10	60.77	79	39.197	7	50.14	39
20	13	11.680	34	61.56	93	39.190	42	49.75	33
30	13	11.714	76	62.49	104	39.232	92	49.42	25
Juni 9	12	11.790	118	63.53	115	39.324	138	49.17	17
19	11	11.908	156	64.68	122	39.462	181	49.00	6
29	11	12.064	191	65.90	127	39.643	219	48.94	4
Juli 9	10	12.255	220	67.17	127	39.862	252	48.98	14
19	9	12.475	244	68.44	124	40.114	280	49.12	23
29	9	12.719	264	69.68	117	40.394	302	49.35	31
Aug. 8	8	12.983	278	70.85	105	40.696	318	49.66	36
18	7	13.261	288	71.90	90	41.014	328	50.02	41
28	7	13.549	294	72.80	70	41.342	334	50.43	42
Sept. 7	6	13.843	295	73.50	49	41.676	336	50.85	43
17	5	14.138	292	73.99	25	42.012	333	51.28	42
27	5	14.430	287	74.24	2	42.345	328	51.70	41
Okt. 7	4	14.717	277	74.26	21	42.673	318	52.11	39
17	3	14.994	265	74.05	43	42.991	303	52.50	39
27	3	15.259	247	73.62	61	43.294	284	52.89	38
Nov. 6	2	15.506	225	73.01	75	43.578	260	53.27	40
16	1	15.731	199	72.26	85	43.838	231	53.67	41
26	1	15.930	167	71.41	90	44.069	195	54.08	44
Dez. 6	0	16.097	131	70.51	91	44.264	154	54.52	47
15	23	16.228	91	69.60	88	44.418	109	54.99	50
25	23	16.319	48	68.72	81	44.527	59	55.49	51
35	22	16.367		67.91		44.586		56.00	
Mittl. Ort		12.888		65.08		40.551		50.35	
sec δ, tg δ		1.006		+0.110		1.138		+0.544	

Welt-Zeit		203) 17 Camelop. AR.		203) 17 Camelop. Dekl.		206) δ Orionis AR.		206) δ Orionis Dekl.		207) α Leporis AR.		207) α Leporis Dekl.		205) Grb 966 AR.		205) Grb 966 Dekl.	
1927		$5^h 23^m$		+63° 0′		$5^h 28^m$		−0° 20′		$5^h 29^m$		−17° 52′		$5^h 29^m$		+74° 59′	
Jan. 0	23h	17.18s	2	33.11″	236	16.848s	18	70.87″	114	31.077s	1	30.08″	200	59.58s	6	58.11″	288
10	22	17.16	10	35.47	218	16.866	26	72.01	100	31.078	45	32.08	178	59.52	23	60.99	268
20	21	17.06	20	37.65	193	16.840	68	73.01	85	31.033	87	33.86	152	59.29	38	63.67	239
30	21	16.86	28	39.58	159	16.772	106	73.86	67	30.946	126	35.38	122	58.91	52	66.06	200
Feb. 9	20	16.58	34	41.17	121	16.666	137	74.53	49	30.820	157	36.60	90	58.39	63	68.06	155
19	19	16.24	38	42.38	78	16.529	161	75.02	32	30.663	181	37.50	56	57.76	71	69.61	105
März 1	19	15.86	41	43.16	33	16.368	174	75.34	13	30.482	194	38.06	23	57.05	76	70.66	50
11	18	15.45	41	43.49	14	16.194	179	75.47	6	30.288	198	38.29	11	56.29	76	71.16	5
21	17	15.04	40	43.35	59	16.015	172	75.41	23	30.090	191	38.18	45	55.53	74	71.11	59
31	17	14.64	36	42.76	99	15.843	155	75.18	41	29.899	175	37.73	77	54.79	68	70.52	108
Apr. 10	16	14.28	31	41.77	135	15.688	130	74.77	59	29.724	150	36.96	109	54.11	59	69.44	153
20	15	13.97	23	40.42	164	15.558	98	74.18	77	29.574	118	35.87	138	53.52	47	67.91	190
30	15	13.74	15	38.78	187	15.460	61	73.41	95	29.456	80	34.49	165	53.05	34	66.01	220
Mai 10	14	13.59	7	36.91	201	15.399	20	72.46	111	29.376	39	32.84	189	52.71	19	63.81	241
20	13	13.52	3	34.90	209	15.379	23	71.35	126	29.337	4	30.95	210	52.52	4	61.40	254
30	13	13.55	11	32.81	209	15.402	65	70.09	140	29.341	47	28.85	226	52.48	12	58.86	257
Juni 9	12	13.66	21	30.72	202	15.467	106	68.69	149	29.388	91	26.59	236	52.60	27	56.29	254
19	11	13.87	29	28.70	190	15.573	144	67.20	156	29.479	130	24.23	242	52.87	41	53.75	243
29	11	14.16	36	26.80	173	15.717	179	65.64	159	29.609	168	21.81	241	53.28	55	51.32	225
Juli 9	10	14.52	43	25.07	150	15.896	209	64.05	157	29.777	200	19.40	232	53.83	67	49.07	201
19	10	14.95	48	23.57	125	16.105	234	62.48	151	29.977	227	17.08	218	54.50	77	47.06	174
29	9	15.43	53	22.32	98	16.339	255	60.97	139	30.204	251	14.90	196	55.27	86	45.32	141
Aug. 8	8	15.96	57	21.34	67	16.594	270	59.58	122	30.455	269	12.94	168	56.13	93	43.91	106
18	8	16.53	59	20.67	37	16.864	281	58.36	102	30.724	282	11.26	135	57.06	99	42.85	68
28	7	17.12	61	20.30	5	17.145	288	57.34	76	31.006	291	9.91	95	58.05	102	42.17	30
Sept. 7	6	17.73	62	20.25	27	17.433	291	56.58	49	31.297	295	8.96	52	59.07	104	41.87	10
17	6	18.35	61	20.52	58	17.724	289	56.09	19	31.592	293	8.44	8	60.11	104	41.97	50
27	5	18.96	60	21.10	90	18.013	285	55.90	12	31.885	288	8.36	38	61.15	103	42.47	90
Okt. 7	4	19.56	58	22.00	119	18.298	276	56.02	41	32.173	279	8.74	82	62.18	99	43.37	129
17	4	20.14	55	23.19	148	18.574	264	56.43	68	32.452	264	9.56	123	63.17	94	44.66	166
27	3	20.69	51	24.67	174	18.838	247	57.11	91	32.716	245	10.79	158	64.11	86	46.32	201
Nov. 6	2	21.20	46	26.41	199	19.085	225	58.02	109	32.961	221	12.37	187	64.97	77	48.33	232
16	2	21.66	40	28.40	219	19.310	200	59.11	123	33.182	192	14.24	208	65.74	66	50.65	259
26	1	22.06	33	30.59	234	19.510	168	60.34	131	33.374	158	16.32	221	66.40	52	53.24	280
Dez. 6	0	22.39	24	32.93	244	19.678	132	61.65	133	33.532	119	18.53	226	66.92	37	56.04	294
16	0	22.63	15	35.37	248	19.810	92	62.98	129	33.651	77	20.79	222	67.29	22	58.98	299
25	23	22.78	5	37.85	243	19.902	49	64.27	120	33.728	32	23.01	210	67.51	5	61.97	295
35	22	22.83		40.28		19.951		65.47		33.760		25.11		67.56		64.92	
Mittl. Ort		16.18		30.72		16.568		67.01		30.594		24.59		57.16		55.35	
sec δ, tg δ		2.203		+1.963		1.000		−0.006		1.051		−0.322		3.863		+3.732	

Welt-Zeit		209) ι Orionis AR.		209) ι Orionis Dekl.		210) ε Orionis AR.		210) ε Orionis Dekl.	
1927	h	5h 31m		−5° 57′		5h 32m		−1° 14′	
Jan. 0	23	52.038	16	28.43	144	30.802	21	54.26	120
10	22	52.054	28	29.87	128	30.823	23	55.46	106
20	22	52.026	70	31.15	109	30.800	66	56.52	89
30	21	51.956	108	32.24	87	30.734	104	57.41	71
Feb. 9	20	51.848	140	33.11	64	30.630	136	58.12	53
19	20	51.708	164	33.75	41	30.494	160	58.65	33
März 1	19	51.544	178	34.16	18	30.334	175	58.98	15
11	18	51.366	182	34.34	6	30.159	179	59.13	5
21	18	51.184	176	34.28	30	29.980	173	59.08	23
31	17	51.008	160	33.98	52	29.807	157	58.85	42
Apr. 10	16	50.848	136	33.46	75	29.650	133	58.43	61
20	16	50.712	105	32.71	97	29.517	101	57.82	80
30	15	50.607	67	31.74	117	29.416	65	57.02	98
Mai 10	14	50.540	28	30.57	137	29.351	24	56.04	114
20	14	50.512	15	29.20	154	29.327	19	54.90	130
30	13	50.527	58	27.66	167	29.346	61	53.60	143
Juni 9	12	50.585	98	25.99	178	29.407	101	52.17	153
19	12	50.683	137	24.21	185	29.508	140	50.64	160
29	11	50.820	172	22.36	186	29.648	174	49.04	162
Juli 9	10	50.992	202	20.50	182	29.822	205	47.42	160
19	10	51.194	229	18.68	173	30.027	231	45.82	153
29	9	51.423	249	16.95	158	30.258	252	44.29	141
Aug. 8	8	51.672	267	15.37	138	30.510	267	42.88	124
18	8	51.939	278	13.99	112	30.777	279	41.64	103
28	7	52.217	286	12.87	83	31.056	287	40.61	77
Sept. 7	6	52.503	289	12.04	50	31.343	290	39.84	48
17	6	52.792	289	11.54	15	31.633	290	39.36	18
27	5	53.081	284	11.39	20	31.923	285	39.18	13
Okt. 7	4	53.365	276	11.59	55	32.208	277	39.31	44
17	4	53.641	263	12.14	87	32.485	266	39.75	72
27	3	53.904	247	13.01	114	32.751	249	40.47	96
Nov. 6	2	54.151	225	14.15	137	33.000	229	41.43	115
16	2	54.376	199	15.52	153	33.229	202	42.58	129
26	1	54.575	168	17.05	162	33.431	171	43.87	137
Dez. 6	0	54.743	131	18.67	165	33.602	136	45.24	139
16	0	54.874	90	20.32	162	33.738	95	46.63	135
25	23	54.964	48	21.94	152	33.833	52	47.98	127
35	23	55.012		23.46		33.885		49.25	
Mittl. Ort		51.703		24.14		30.508		50.44	
sec δ, tg δ		1.005		−0.104		1.000		−0.022	

Welt-Zeit		212) β Doradus AR.		212) β Doradus Dekl.		211) ζ Tauri AR.		211) ζ Tauri Dekl.	
1927	h	5h 32m		−62° 31′		5h 33m		+21° 5′	
Jan. 0	23	62.00	17	82.42	312	17.076	35	56.31	7
10	22	61.83	25	85.54	279	17.111	14	56.38	11
20	22	61.58	32	88.33	239	17.097	61	56.49	12
30	21	61.26	39	90.72	192	17.036	103	56.61	12
Feb. 9	20	60.87	44	92.64	140	16.933	139	56.73	12
19	20	60.43	47	94.04	87	16.794	165	56.85	8
März 1	19	59.96	50	94.91	32	16.629	181	56.93	4
11	18	59.46	50	95.23	23	16.448	186	56.97	0
21	18	58.96	49	95.00	77	16.262	179	56.97	4
31	17	58.47	46	94.23	129	16.083	163	56.93	7
Apr. 10	16	58.01	42	92.94	177	15.920	136	56.86	8
20	16	57.59	37	91.17	221	15.784	101	56.78	7
30	15	57.22	30	88.96	260	15.683	60	56.71	3
Mai 10	14	56.92	23	86.36	294	15.623	17	56.68	2
20	14	56.69	16	83.42	320	15.606	30	56.70	8
30	13	56.53	8	80.22	340	15.636	75	56.78	16
Juni 9	12	56.45	1	76.82	351	15.711	120	56.94	25
19	12	56.46	9	73.31	353	15.831	160	57.19	32
29	11	56.55	17	69.78	346	15.991	197	57.51	41
Juli 9	10	56.72	24	66.32	330	16.188	229	57.92	47
19	10	56.96	31	63.02	304	16.417	256	58.39	51
29	9	57.27	38	59.98	269	16.673	277	58.90	53
Aug. 8	8	57.65	42	57.29	225	16.950	294	59.43	52
18	8	58.07	47	55.04	173	17.244	306	59.95	50
28	7	58.54	50	53.31	115	17.550	313	60.45	44
Sept. 7	6	59.04	51	52.16	54	17.863	317	60.89	37
17	6	59.55	51	51.62	12	18.180	316	61.26	30
27	5	60.06	50	51.74	77	18.496	312	61.56	20
Okt. 7	4	60.56	47	52.51	140	18.808	304	61.76	11
17	4	61.03	44	53.91	198	19.112	293	61.87	4
27	3	61.47	38	55.89	250	19.405	277	61.91	2
Nov. 6	2	61.85	32	58.39	292	19.682	255	61.89	6
16	2	62.17	24	61.31	323	19.937	228	61.83	7
26	1	62.41	16	64.54	342	20.165	196	61.76	6
Dez. 6	0	62.57	8	67.96	350	20.361	158	61.70	3
16	0	62.65	2	71.46	345	20.519	115	61.67	0
25	23	62.63	11	74.91	328	20.634	68	61.67	5
35	23	62.52		78.19		20.702		61.72	
Mittl. Ort		59.35		74.61		16.863		57.94	
sec δ, tg δ		2.168		−1.924		1.072		+0.386	

Welt-Zeit		215) α Columbae AR.		Dekl.		216) ο Aurigae AR.		Dekl.	
1927	h	$5^h\,36^m$		$-34°\,6'$		$5^h\,40^m$		$+49°\,47'$	
Jan. 0	23	61.126	21	50.41	265	15.129	41	46.91	172
10	22	61.105	73	53.06	238	15.170	30	48.63	164
20	22	61.032	120	55.44	205	15.140	97	50.27	150
30	21	60.912	163	57.49	167	15.043	158	51.77	128
Feb. 9	20	60.749	197	59.16	125	14.885	209	53.05	102
19	20	60.552	223	60.41	80	14.676	247	54.07	72
März 1	19	60.329	239	61.21	36	14.429	272	54.79	39
11	18	60.090	244	61.57	10	14.157	279	55.18	5
21	18	59.846	238	61.47	55	13.878	272	55.23	29
31	17	59.608	222	60.92	98	13.606	249	54.94	59
Apr. 10	16	59.386	196	59.94	138	13.357	213	54.35	87
20	16	59.190	162	58.56	177	13.144	165	53.48	110
30	15	59.028	123	56.79	211	12.979	109	52.38	128
Mai 10	14	58.905	78	54.68	242	12.870	48	51.10	139
20	14	58.827	31	52.26	266	12.822	17	49.71	145
30	13	58.796	18	49.60	284	12.839	81	48.26	146
Juni 9	12	58.814	65	46.76	297	12.920	144	46.80	142
19	12	58.879	111	43.79	302	13.064	203	45.38	133
29	11	58.990	155	40.77	298	13.267	256	44.05	121
Juli 9	10	59.145	194	37.79	287	13.523	304	42.84	106
19	10	59.339	229	34.92	267	13.827	345	41.78	88
29	9	59.568	258	32.25	238	14.172	378	40.90	70
Aug. 8	8	59.826	282	29.87	203	14.550	405	40.20	50
18	8	60.108	301	27.84	160	14.955	425	39.70	30
28	7	60.409	314	26.24	112	15.380	438	39.40	9
Sept. 7	7	60.723	321	25.12	58	15.818	446	39.31	12
17	6	61.044	322	24.54	3	16.264	447	39.43	30
27	5	61.366	316	24.51	54	16.711	443	39.73	50
Okt. 7	5	61.682	306	25.05	108	17.154	433	40.23	71
17	4	61.988	288	26.13	159	17.587	417	40.94	90
27	3	62.276	266	27.72	204	18.004	393	41.84	109
Nov. 6	3	62.542	236	29.76	242	18.397	362	42.93	126
16	2	62.778	200	32.18	270	18.759	322	44.19	143
26	1	62.978	160	34.88	287	19.081	274	45.62	157
Dez. 6	1	63.138	113	37.75	294	19.355	219	47.19	168
16	0	63.251	65	40.69	291	19.574	156	48.87	174
25	23	63.316	12	43.60	277	19.730	89	50.61	175
35	23	63.328		46.37		19.819		52.36	
Mittl. Ort		60.268		44.19		14.622		46.21	
sec δ, tg δ		1.208		−0.677		1.549		+1.183	

Welt-Zeit		219) ζ Leporis AR.		Dekl.		220) κ Orionis AR.		Dekl.	
1927	h	$5^h\,43^m$		$-14°\,50'$		$5^h\,44^m$		$-9°\,41'$	
Jan. 0	23	39.291	18	57.50	193	18.028	24	43.99	168
10	22	39.309	29	59.43	173	18.052	22	45.67	150
20	22	39.280	72	61.16	148	18.030	65	47.17	128
30	21	39.208	112	62.64	121	17.965	105	48.45	104
Feb. 9	20	39.096	146	63.85	92	17.860	138	49.49	79
19	20	38.950	171	64.77	61	17.722	163	50.28	52
März 1	19	38.779	187	65.38	29	17.559	180	50.80	25
11	18	38.592	193	65.67	2	17.379	187	51.05	2
21	18	38.399	189	65.65	34	17.192	182	51.03	28
31	17	38.210	175	65.31	64	17.010	168	50.75	55
Apr. 10	16	38.035	152	64.67	93	16.842	145	50.20	81
20	16	37.883	123	63.74	121	16.697	116	49.39	105
30	15	37.760	86	62.53	147	16.581	81	48.34	127
Mai 10	14	37.674	47	61.06	171	16.500	41	47.07	149
20	14	37.627	5	59.35	190	16.459	1	45.58	167
30	13	37.622	38	57.45	207	16.460	43	43.91	182
Juni 9	12	37.660	80	55.38	218	16.503	84	42.09	193
19	12	37.740	119	53.20	225	16.587	123	40.16	200
29	11	37.859	156	50.95	225	16.710	158	38.16	201
Juli 9	10	38.015	189	48.70	219	16.868	190	36.15	197
19	10	38.204	217	46.51	207	17.058	218	34.18	186
29	9	38.421	241	44.44	187	17.276	241	32.32	170
Aug. 8	8	38.662	259	42.57	163	17.517	259	30.62	148
18	8	38.921	275	40.94	131	17.776	273	29.14	120
28	7	39.196	285	39.63	95	18.049	283	27.94	88
Sept. 7	7	39.481	291	38.68	55	18.332	288	27.06	52
17	6	39.772	292	38.13	12	18.620	290	26.54	14
27	5	40.064	289	38.01	31	18.910	287	26.40	25
Okt. 7	5	40.353	282	38.32	72	19.197	281	26.65	62
17	4	40.635	271	39.04	112	19.478	270	27.27	98
27	3	40.906	254	40.16	147	19.748	254	28.25	129
Nov. 6	3	41.160	233	41.63	175	20.002	234	29.54	155
16	2	41.393	205	43.38	196	20.236	207	31.09	173
26	1	41.598	173	45.34	210	20.443	177	32.82	185
Dez. 6	1	41.771	135	47.44	215	20.620	140	34.67	189
16	0	41.906	94	49.59	212	20.760	99	36.56	186
25	23	42.000	49	51.71	202	20.859	56	38.42	176
35	23	42.049		53.73		20.915		40.18	
Mittl. Ort		38.829		53.00		17.633		39.88	
sec δ, tg δ		1.035		−0.265		1.014		−0.171	

Welt-Zeit	h	224) α Orionis AR.	Diff.	224) α Orionis Dekl.	Diff.	225) δ Aurigae AR.	Diff.	225) δ Aurigae Dekl.	Diff.
1927		5h 51m		+7° 23′		5h 53m		+54° 16′	
Jan. 0	23	13.416		38.77		31.619		52.59	
10	22	13.461	45	38.01	76	31.678	59	54.56	197
20	22	13.459	2	37.35	66	31.658	20	56.46	190
30	21	13.412	47	36.81	54	31.563	95	58.22	176
Feb. 9	21	13.324	88	36.40	41	31.399	164	59.76	154
19	20	13.200	124	36.10	30	31.176	223	61.02	126
März 1	19	13.048	152	35.92	18	30.907	269	61.96	94
11	19	12.879	169	35.85	7	30.608	299	62.53	57
21	18	12.701	178	35.88	3	30.297	311	62.72	19
31	17	12.527	174	36.02	14	29.990	307	62.54	18
Apr. 10	17	12.366	161	36.26	24	29.704	286	62.00	54
20	16	12.228	138	36.60	34	29.454	250	61.13	87
30	15	12.119	109	37.06	46	29.253	201	59.99	114
Mai 10	15	12.046	73	37.63	57	29.111	142	58.62	137
20	14	12.012	34	38.32	69	29.034	77	57.08	154
30	13	12.021	9	39.12	80	29.027	7	55.43	165
Juni 9	13	12.072	51	40.03	91	29.090	63	53.74	169
19	12	12.163	91	41.03	100	29.222	132	52.06	168
29	11	12.293	130	42.10	107	29.420	198	50.44	162
Juli 9	11	12.459	166	43.20	110	29.677	257	48.92	152
19	10	12.656	197	44.31	111	29.989	312	47.54	138
29	9	12.880	224	45.39	108	30.348	359	46.34	120
Aug. 8	9	13.127	247	46.41	102	30.747	399	45.33	101
18	8	13.391	264	47.32	91	31.178	431	44.53	80
28	7	13.669	278	48.08	76	31.635	457	43.95	58
Sept. 7	7	13.957	288	48.67	59	32.110	475	43.60	35
17	6	14.251	294	49.05	38	32.597	487	43.49	11
27	5	14.547	296	49.20	15	33.089	492	43.62	13
Okt. 7	5	14.842	295	49.13	7	33.580	491	43.99	37
17	4	15.132	290	48.84	29	34.062	482	44.60	61
27	3	15.414	282	48.34	50	34.529	467	45.45	85
Nov. 6	3	15.682	268	47.67	67	34.972	443	46.54	109
16	2	15.932	250	46.86	81	35.382	410	47.86	132
26	1	16.158	226	45.96	90	35.751	369	49.38	152
Dez. 6	1	16.354	196	45.01	95	36.068	317	51.09	171
16	0	16.515	161	44.07	94	36.324	256	52.94	185
25	23	16.636	121	43.17	90	36.512	188	54.88	194
35	23	16.713	77	42.34	83	36.624	112	56.87	199
Mittl. Ort		13.152		41.43		30.967		52.13	
sec δ, tg δ		1.008		+0.130		1.713		+1.391	

Welt-Zeit	h	227) β Aurigae AR.	Diff.	227) β Aurigae Dekl.	Diff.	228) ϑ Aurigae AR.	Diff.	228) ϑ Aurigae Dekl.	Diff.
1927		5h 54m		+44° 56′		5h 54m		+37° 12′	
Jan. 0	23	10.873		30.19		44.925		32.04	
10	22	10.934	61	31.66	147	44.987	62	33.05	101
20	22	10.930	4	33.09	143	44.990	3	34.06	101
30	21	10.863	67	34.42	133	44.936	54	35.02	96
Feb. 9	21	10.737	126	35.60	118	44.829	107	35.88	86
19	20	10.561	176	36.58	98	44.678	151	36.61	73
März 1	19	10.347	214	37.32	74	44.492	186	37.16	55
11	19	10.107	240	37.78	46	44.283	209	37.51	35
21	18	9.856	251	37.95	17	44.063	220	37.66	15
31	17	9.609	247	37.83	12	43.847	216	37.59	7
Apr. 10	17	9.379	230	37.44	39	43.646	201	37.33	26
20	16	9.180	199	36.80	64	43.473	173	36.89	44
30	15	9.022	158	35.96	84	43.336	137	36.30	59
Mai 10	15	8.913	109	34.95	101	43.243	93	35.61	69
20	14	8.859	54	33.83	112	43.200	43	34.85	76
30	13	8.862	3	32.64	119	43.208	8	34.05	80
Juni 9	13	8.924	62	31.43	121	43.269	61	33.26	79
19	12	9.044	120	30.25	118	43.381	112	32.51	75
29	11	9.217	173	29.12	113	43.541	160	31.81	70
Juli 9	11	9.440	223	28.09	103	43.745	204	31.20	61
19	10	9.708	268	27.17	92	43.988	243	30.68	52
29	9	10.014	306	26.39	78	44.265	277	30.26	42
Aug. 8	9	10.352	338	25.75	64	44.570	305	29.95	31
18	8	10.715	363	25.26	49	44.898	328	29.73	22
28	7	11.099	384	24.92	34	45.243	345	29.61	12
Sept. 7	7	11.498	399	24.74	18	45.601	358	29.57	4
17	6	11.906	408	24.72	2	45.967	366	29.62	5
27	5	12.318	412	24.85	13	46.336	369	29.74	12
Okt. 7	5	12.729	411	25.13	28	46.705	369	29.94	20
17	4	13.134	405	25.57	44	47.069	364	30.23	29
27	3	13.526	392	26.17	60	47.423	354	30.60	37
Nov. 6	3	13.901	375	26.93	76	47.761	338	31.06	46
16	2	14.250	349	27.84	91	48.077	316	31.62	56
26	1	14.565	315	28.91	107	48.363	286	32.29	67
Dez. 6	1	14.839	274	30.12	121	48.613	250	33.06	77
16	0	15.063	224	31.45	133	48.820	207	33.93	87
25	23	15.231	168	32.87	142	48.977	157	34.88	95
35	23	15.337	106	34.33	146	49.078	101	35.88	100
Mittl. Ort		10.448		30.32		44.605		32.67	
sec δ, tg δ		1.413		+0.998		1.256		+0.759	

Welt-Zeit		229) η Columbae				(232) ν Orionis				236) η Geminorum				234) 22 H. Camelop.			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927	h	$5^h\,56^m$		$-42°\,48'$		$6^h\,3^m$		$+14°\,46'$		$6^h\,10^m$		$+22°\,31'$		$6^h\,10^m$		$+69°\,20'$	
Jan. 0	23	55.945	22	72.17	302	24.502	61	40.36	36	28.542	73	44.40	10	49.97	9	54.17	270
10	23	55.923	80	75.19	275	24.563	12	40.00	26	28.615	21	44.50	18	50.06	4	56.87	262
20	22	55.843	135	77.94	242	24.575	35	39.74	18	28.636	29	44.68	23	50.02	16	59.49	246
30	21	55.708	185	80.36	202	24.540	79	39.56	10	28.607	77	44.91	26	49.86	28	61.95	219
Feb. 9	21	55.523	225	82.38	158	24.461	118	39.46	4	28.530	118	45.17	26	49.58	38	64.14	185
19	20	55.298	257	83.96	111	24.343	149	39.42	1	28.412	151	45.43	24	49.20	45	65.99	143
März 1	19	55.041	278	85.07	61	24.194	169	39.43	5	28.261	174	45.67	21	48.75	51	67.42	96
11	19	54.763	287	85.68	12	24.025	179	39.48	8	28.087	186	45.88	16	48.24	54	68.38	46
21	18	54.476	284	85.80	38	23.846	178	39.56	10	27.901	186	46.04	10	47.70	54	68.84	4
31	17	54.192	270	85.42	85	23.668	166	39.66	13	27.715	175	46.14	5	47.16	52	68.80	53
Apr. 10	17	53.922	246	84.57	130	23.502	145	39.79	17	27.540	154	46.19	0	46.64	47	68.27	98
20	16	53.676	213	83.27	174	23.357	116	39.96	21	27.386	125	46.19	3	46.17	39	67.29	139
30	15	53.463	173	81.53	213	23.241	81	40.17	26	27.261	88	46.16	4	45.78	31	65.90	174
Mai 10	15	53.290	127	79.40	247	23.160	41	40.43	33	27.173	47	46.12	4	45.47	21	64.16	201
20	14	53.163	77	76.93	276	23.119	1	40.76	40	27.126	4	46.08	1	45.26	11	62.15	222
30	13	53.086	25	74.17	298	23.120	44	41.16	47	27.122	41	46.07	3	45.15	1	59.93	234
Juni 9	13	53.061	27	71.19	314	23.164	86	41.63	53	27.163	85	46.10	7	45.16	13	57.59	240
19	12	53.088	80	68.05	321	23.250	126	42.16	60	27.248	126	46.17	11	45.29	23	55.19	237
29	11	53.168	129	64.84	320	23.376	162	42.76	64	27.374	164	46.28	17	45.52	33	52.82	230
Juli 9	11	53.297	175	61.64	310	23.538	195	43.40	67	27.538	199	46.45	20	45.85	42	50.52	216
19	10	53.472	218	58.54	291	23.733	223	44.07	67	27.737	229	46.65	23	46.27	51	48.36	197
29	9	53.690	255	55.63	264	23.956	247	44.74	63	27.966	254	46.88	24	46.78	58	46.39	173
Aug. 8	9	53.945	287	52.99	227	24.203	267	45.37	58	28.220	275	47.12	23	47.36	65	44.66	147
18	8	54.232	312	50.72	183	24.470	282	45.95	49	28.495	293	47.35	20	48.01	70	43.19	117
28	7	54.544	333	48.89	132	24.752	293	46.44	38	28.788	305	47.55	15	48.71	74	42.02	85
Sept. 7	7	54.877	346	47.57	77	25.045	301	46.82	24	29.093	315	47.70	9	49.45	77	41.17	51
17	6	55.223	352	46.80	16	25.346	306	47.06	9	29.408	320	47.79	2	50.22	78	40.66	15
27	6	55.575	350	46.64	44	25.652	306	47.15	6	29.728	322	47.81	6	51.00	79	40.51	21
Okt. 7	5	55.925	342	47.08	104	25.958	303	47.09	21	30.050	320	47.75	12	51.79	78	40.72	58
17	4	56.267	325	48.12	161	26.261	297	46.88	34	30.370	314	47.63	18	52.57	75	41.30	95
27	4	56.592	301	49.73	212	26.558	285	46.54	46	30.684	303	47.45	21	53.32	72	42.25	130
Nov. 6	3	56.893	269	51.85	255	26.843	268	46.08	53	30.987	287	47.24	22	54.04	67	43.55	165
16	2	57.162	229	54.40	289	27.111	245	45.55	57	31.274	264	47.02	21	54.71	60	45.20	198
26	2	57.391	184	57.29	311	27.356	216	44.98	57	31.538	233	46.81	16	55.31	51	47.18	224
Dez. 6	1	57.575	132	60.40	323	27.572	180	44.41	54	31.771	198	46.65	10	55.82	42	49.42	247
16	0	57.707	75	63.63	324	27.752	140	43.87	49	31.969	156	46.55	3	56.24	30	51.89	262
26	0	57.782	17	66.87	314	27.892	95	43.38	41	32.125	108	46.52	5	56.54	17	54.51	270
35	23	57.799		70.01		27.987		42.97		32.233		46.57		56.71		57.21	
Mittl. Ort		54.730		67.22		24.252		42.41		28.290		46.06		48.35		53.87	
sec δ, tg δ		1.363		−0.927		1.034		+0.264		1.083		+0.415		2.835		+2.653	

Welt-Zeit		240) ζ Canis maj. AR.		Dekl.		241) μ Geminorum AR.		Dekl.	
1927	h	6h 17m s		−30° 1′ ″		6h 18m s		+22° 33′ ″	
Jan. 1	0	31.405	29	50.84	272	32.949	82	7.55	8
10	23	31.434	23	53.56	251	33.031	30	7.63	17
20	22	31.411	73	56.07	224	33.061	22	7.80	23
30	22	31.338	120	58.31	190	33.039	70	8.03	27
Feb. 9	21	31.218	160	60.21	153	32.969	112	8.30	28
19	20	31.058	193	61.74	113	32.857	147	8.58	27
März 1	20	30.865	214	62.87	71	32.710	171	8.85	24
11	19	30.651	227	63.58	28	32.539	184	9.09	19
21	18	30.424	228	63.86	14	32.355	186	9.28	13
31	18	30.196	219	63.72	55	32.169	177	9.41	7
Apr. 10	17	29.977	201	63.17	96	31.992	157	9.48	3
20	16	29.776	174	62.21	134	31.835	128	9.51	1
30	16	29.602	140	60.87	169	31.707	94	9.50	3
Mai 10	15	29.462	102	59.18	201	31.613	53	9.47	2
20	14	29.360	60	57.17	228	31.560	10	9.45	2
30	14	29.300	17	54.89	251	31.550	34	9.43	1
Juni 9	13	29.283	28	52.38	267	31.584	77	9.44	5
19	12	29.311	72	49.71	277	31.661	118	9.49	9
29	12	29.383	113	46.94	279	31.779	157	9.58	13
Juli 9	11	29.496	152	44.15	274	31.936	192	9.71	16
19	10	29.648	188	41.41	261	32.128	222	9.87	19
29	10	29.836	220	38.80	239	32.350	249	10.06	18
Aug. 8	9	30.056	247	36.41	210	32.599	270	10.24	17
18	8	30.303	270	34.31	173	32.869	289	10.41	15
28	8	30.573	288	32.58	130	33.158	302	10.56	9
Sept. 7	7	30.861	302	31.28	81	33.460	313	10.65	3
17	6	31.163	311	30.47	28	33.773	319	10.68	5
27	6	31.474	314	30.19	26	34.092	323	10.63	12
Okt. 7	5	31.788	311	30.45	80	34.415	322	10.51	18
17	4	32.099	302	31.25	131	34.737	318	10.33	24
27	4	32.401	288	32.56	178	35.055	308	10.09	28
Nov. 6	3	32.689	266	34.34	219	35.363	293	9.81	27
16	3	32.955	238	36.53	251	35.656	270	9.54	26
26	2	33.193	203	39.04	273	35.926	242	9.28	21
Dez. 6	1	33.396	161	41.77	287	36.168	206	9.07	15
16	1	33.557	114	44.64	289	36.374	164	8.92	5
26	0	33.671	65	47.53	281	36.538	116	8.87	3
35	23	33.736		50.34		36.654		8.90	
Mittl. Ort		30.603		47.83		32.694		9.25	
sec δ, tg δ		1.155		−0.578		1.083		+0.415	

Welt-Zeit		242) ψ¹ Aurigae AR.		Dekl.		243) β Canis maj. AR.		Dekl.	
1927	h	6h 19m s		+49° 19′ ″		6h 19m s		−17° 54′ ″	
Jan. 1	0	17.214	99	36.60	171	29.619	48	69.56	222
10	23	17.313	27	38.31	170	29.667	1	71.78	204
20	22	17.340	45	40.01	164	29.666	48	73.82	179
30	22	17.295	112	41.65	150	29.618	92	75.61	151
Feb. 9	21	17.183	170	43.15	130	29.526	131	77.12	121
19	20	17.013	218	44.45	105	29.395	162	78.33	88
März 1	20	16.795	251	45.50	76	29.233	184	79.21	54
11	19	16.544	271	46.26	44	29.049	195	79.75	20
21	18	16.273	273	46.70	11	28.854	198	79.95	13
31	18	16.000	261	46.81	22	28.656	189	79.82	47
Apr. 10	17	15.739	234	46.59	52	28.467	171	79.35	78
20	16	15.505	195	46.07	80	28.296	146	78.57	109
30	16	15.310	147	45.27	103	28.150	115	77.48	138
Mai 10	15	15.163	93	44.24	121	28.035	78	76.10	163
20	14	15.070	32	43.03	134	27.957	38	74.47	186
30	14	15.038	29	41.69	142	27.919	2	72.61	205
Juni 9	13	15.067	90	40.27	145	27.921	42	70.56	219
19	12	15.157	149	38.82	145	27.963	83	68.37	228
29	12	15.306	204	37.37	139	28.046	120	66.09	231
Juli 9	11	15.510	254	35.98	130	28.166	155	63.78	227
19	10	15.764	299	34.68	120	28.321	187	61.51	216
29	10	16.063	337	33.48	106	28.508	214	59.35	198
Aug. 8	9	16.400	370	32.42	91	28.722	238	57.37	176
18	8	16.770	396	31.51	74	28.960	257	55.61	144
28	8	17.166	418	30.77	57	29.217	274	54.17	107
Sept. 7	7	17.584	433	30.20	40	29.491	285	53.10	67
17	6	18.017	443	29.80	20	29.776	293	52.43	22
27	6	18.460	447	29.60	1	30.069	296	52.21	23
Okt. 7	5	18.907	446	29.59	19	30.365	295	52.44	69
17	4	19.353	439	29.78	40	30.660	289	53.13	112
27	4	19.792	423	30.18	62	30.949	277	54.25	151
Nov. 6	3	20.215	400	30.80	84	31.226	259	55.76	185
16	3	20.615	367	31.64	105	31.485	235	57.61	210
26	2	20.982	325	32.69	125	31.720	205	59.71	228
Dez. 6	1	21.307	274	33.94	143	31.925	169	61.99	238
16	1	21.581	214	35.37	157	32.094	127	64.37	238
26	0	21.795	148	36.94	167	32.221	80	66.75	231
35	23	21.943		38.61		32.301		69.06	
Mittl. Ort		16.684		37.41		29.072		66.85	
sec δ, tg δ		1.534		+1.164		1.051		−0.323	

Welt-Zeit		244) 8 Monocerotis				245) α Argus				246) 10 Monocerotis				247) 8 Lyncis			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927	h	6h 19m s		+4° 37′ ″		6h 22m s		−52° 38′ ″		6h 24m s		−4° 42′ ″		6h 30m s		+61° 32′ ″	
Jan. 1	0	54.310	70	49.98	101	21.616	20	81.64	335	21.665	67	59.20	155	62.39	13	50.12	232
10	23	54.380	22	48.97	87	21.596	92	84.99	314	21.732	19	60.75	140	62.52	3	52.44	232
20	22	54.402	25	48.10	73	21.504	159	88.13	282	21.751	28	62.15	121	62.55	6	54.76	223
30	22	54.377	70	47.37	57	21.345	220	90.95	243	21.723	73	63.36	100	62.49	16	56.99	205
Feb. 9	21	54.307	108	46.80	41	21.125	273	93.38	199	21.650	111	64.36	78	62.33	24	59.04	180
19	20	54.199	139	46.39	27	20.852	314	95.37	151	21.539	142	65.14	55	62.09	30	60.84	146
März 1	20	54.060	162	46.12	13	20.538	343	96.88	101	21.397	165	65.69	32	61.79	35	62.30	108
11	19	53.898	174	45.99	2	20.195	359	97.89	48	21.232	177	66.01	10	61.44	38	63.38	65
21	18	53.724	176	46.01	14	19.836	362	98.37	5	21.055	180	66.11	13	61.06	39	64.03	22
31	18	53.548	168	46.15	27	19.474	353	98.32	56	20.875	173	65.98	34	60.67	37	64.25	22
Apr. 10	17	53.380	149	46.42	40	19.121	331	97.76	107	20.702	155	65.64	55	60.30	35	64.03	63
20	16	53.231	124	46.82	52	18.790	299	96.69	154	20.547	131	65.09	76	59.95	30	63.40	102
30	16	53.107	92	47.34	65	18.491	257	95.15	198	20.416	101	64.33	96	59.65	24	62.38	135
Mai 10	15	53.015	56	47.99	77	18.234	209	93.17	238	20.315	65	63.37	114	59.41	16	61.03	162
20	14	52.959	16	48.76	88	18.025	154	90.79	271	20.250	26	62.23	130	59.25	9	59.41	183
30	14	52.943	24	49.64	99	17.871	96	88.08	299	20.224	12	60.93	144	59.16	1	57.58	199
Juni 9	13	52.967	63	50.63	106	17.775	35	85.09	320	20.236	52	59.49	155	59.15	7	55.59	206
19	12	53.030	102	51.69	113	17.740	25	81.89	332	20.288	90	57.94	162	59.22	15	53.53	209
29	12	53.132	138	52.82	117	17.765	86	78.57	335	20.378	126	56.32	165	59.37	23	51.44	206
Juli 9	11	53.270	170	53.99	116	17.851	145	75.22	330	20.504	159	54.67	164	59.60	30	49.38	197
19	11	53.440	199	55.15	112	17.996	200	71.92	315	20.663	188	53.03	157	59.90	37	47.41	184
29	10	53.639	223	56.27	103	18.196	250	68.77	289	20.851	214	51.46	145	60.27	42	45.57	168
Aug. 8	9	53.862	245	57.30	91	18.446	295	65.88	255	21.065	235	50.01	127	60.69	47	43.89	147
18	9	54.107	261	58.21	76	18.741	334	63.33	213	21.300	254	48.74	105	61.16	51	42.42	125
28	8	54.368	275	58.97	55	19.075	366	61.20	161	21.554	269	47.69	77	61.67	54	41.17	100
Sept. 7	7	54.643	286	59.52	32	19.441	390	59.59	105	21.823	280	46.92	47	62.21	57	40.17	73
17	7	54.929	292	59.84	7	19.831	404	58.54	43	22.103	287	46.45	13	62.78	59	39.44	44
27	6	55.221	296	59.91	19	20.235	410	58.11	21	22.390	291	46.32	21	63.37	59	39.00	14
Okt. 7	5	55.517	295	59.72	43	20.645	405	58.32	86	22.681	292	46.53	55	63.96	60	38.86	18
17	5	55.812	291	59.29	67	21.050	390	59.18	147	22.973	288	47.08	87	64.56	59	39.04	49
27	4	56.103	281	58.62	87	21.440	365	60.65	204	23.261	278	47.95	116	65.15	57	39.53	81
Nov. 6	3	56.384	267	57.75	104	21.805	329	62.69	255	23.539	263	49.11	140	65.72	54	40.34	113
16	3	56.651	246	56.71	114	22.134	283	65.24	295	23.802	243	50.51	158	66.26	49	41.47	144
26	2	56.897	219	55.57	120	22.417	228	68.19	325	24.045	215	52.09	169	66.75	44	42.91	172
Dez. 6	1	57.116	185	54.37	121	22.645	165	71.44	343	24.260	182	53.78	174	67.19	37	44.63	197
16	1	57.301	146	53.16	117	22.810	98	74.87	349	24.442	142	55.52	172	67.56	28	46.60	215
26	0	57.447	103	51.99	108	22.908	26	78.36	345	24.584	98	57.24	163	67.84	19	48.75	228
35	23	57.550		50.91		22.934		81.81		24.682		58.87		68.03		51.03	
Mittl. Ort		54.010		52.20		19.808		79.00		21.290		56.92		61.40		51.08	
sec δ, tg δ		1.003		+0.081		1.648		−1.311		1.003		−0.083		2.099		+1.845	

Welt-Zeit		249) ξ² Canis maj. AR.		249) ξ² Canis maj. Dekl.		251) γ Geminorum AR.		251) γ Geminorum Dekl.		250) 51 Aurigae AR.		250) 51 Aurigae Dekl.		248) 23 H. Camelop. AR.		248) 23 H. Camelop. Dekl.	
1927	h	6h 31m		−22° 54′		6h 33m		+16° 27′		6h 33m		+39° 27′		6h 33m		+79° 38′	
Jan. 1	0	60.429	54	23.43	250	29.989	93	44.85	32	36.490	110	23.03	110	52.45	21	50.38	307
10	23	60.483	4	25.93	231	30.082	42	44.53	21	36.600	49	24.13	116	52.66	4	53.45	304
20	23	60.487	45	28.24	206	30.124	9	44.32	11	36.649	13	25.29	117	52.62	28	56.49	289
30	22	60.442	92	30.30	177	30.115	56	44.21	2	36.636	73	26.46	112	52.34	52	59.38	264
Feb. 9	21	60.350	132	32.07	144	30.059	98	44.19	6	36.563	125	27.58	101	51.82	72	62.02	229
19	21	60.218	166	33.51	109	29.961	134	44.25	11	36.438	168	28.59	87	51.10	88	64.31	185
März 1	20	60.052	190	34.60	71	29.827	160	44.36	15	36.270	200	29.46	68	50.22	100	66.16	135
11	19	59.862	203	35.31	34	29.667	175	44.51	17	36.070	220	30.14	47	49.22	108	67.51	80
21	19	59.659	208	35.65	3	29.492	179	44.68	18	35.850	225	30.61	23	48.14	111	68.31	23
31	18	59.451	201	35.62	40	29.313	172	44.86	19	35.625	217	30.84	1	47.03	109	68.54	34
Apr. 10	17	59.250	185	35.22	76	29.141	156	45.05	19	35.408	198	30.85	22	45.94	101	68.20	88
20	17	59.065	162	34.46	111	28.985	132	45.24	20	35.210	167	30.63	43	44.93	90	67.32	137
30	16	58.903	131	33.35	142	28.853	99	45.44	22	35.043	128	30.20	60	44.03	76	65.95	181
Mai 10	15	58.772	96	31.93	171	28.754	62	45.66	25	34.915	82	29.60	73	43.27	58	64.14	217
20	15	58.676	58	30.22	197	28.692	23	45.91	29	34.833	33	28.87	84	42.69	39	61.97	246
30	14	58.618	16	28.25	218	28.669	18	46.20	33	34.800	18	28.03	90	42.30	18	59.51	266
Juni 9	13	58.602	25	26.07	234	28.687	60	46.53	38	34.818	69	27.13	94	42.12	3	56.85	278
19	13	58.627	65	23.73	245	28.747	99	46.91	41	34.887	118	26.19	93	42.15	24	54.07	283
29	12	58.692	104	21.28	249	28.846	136	47.32	43	35.005	165	25.26	91	42.39	45	51.24	280
Juli 9	11	58.796	141	18.79	246	28.982	171	47.75	45	35.170	207	24.35	87	42.84	64	48.44	268
19	11	58.937	174	16.33	235	29.153	200	48.20	44	35.377	245	23.48	81	43.48	82	45.76	253
29	10	59.111	205	13.98	218	29.353	227	48.64	41	35.622	279	22.67	73	44.30	98	43.23	230
Aug. 8	9	59.316	230	11.80	192	29.580	249	49.05	35	35.901	306	21.94	66	45.28	113	40.93	203
18	9	59.546	253	9.88	160	29.829	268	49.40	27	36.207	331	21.28	58	46.41	125	38.90	171
28	8	59.799	272	8.28	122	30.097	284	49.67	16	36.538	351	20.70	49	47.66	134	37.19	136
Sept. 7	7	60.071	286	7.06	78	30.381	296	49.83	4	36.889	365	20.21	40	49.00	142	35.83	98
17	7	60.357	296	6.28	30	30.677	305	49.87	9	37.254	376	19.81	32	50.42	148	34.85	57
27	6	60.653	302	5.98	19	30.982	311	49.78	23	37.630	383	19.49	22	51.90	150	34.28	14
Okt. 7	5	60.955	302	6.17	68	31.293	313	49.55	36	38.013	386	19.27	11	53.40	149	34.14	30
17	5	61.257	298	6.85	115	31.606	310	49.19	48	38.399	382	19.16	1	54.89	147	34.41	75
27	4	61.555	288	8.00	160	31.916	303	48.71	57	38.781	372	19.17	15	56.36	140	35.19	119
Nov. 6	3	61.843	270	9.60	196	32.219	291	48.14	62	39.153	356	19.32	29	57.76	131	36.38	161
16	3	62.113	247	11.56	227	32.510	271	47.52	64	39.509	332	19.61	45	59.07	118	37.99	202
26	2	62.360	216	13.83	248	32.781	245	46.88	63	39.841	299	20.06	62	60.25	102	40.01	237
Dez. 6	2	62.576	178	16.31	261	33.026	211	46.25	58	40.140	257	20.68	78	61.27	83	42.38	268
16	1	62.754	136	18.92	264	33.237	172	45.67	50	40.397	209	21.46	92	62.10	61	45.06	290
26	0	62.890	88	21.56	257	33.409	126	45.17	39	40.606	152	22.38	104	62.71	38	47.96	303
36	0	62.978		24.13		33.535		44.78		40.758		23.42		63.09		50.99	
Mittl. Ort		59.784		21.45		29.731		46.68		36.128		24.56		48.39		51.06	
sec δ, tg δ		1.086		−0.423		1.043		+0.295		1.295		+0.823		5.565		+5.474	

Welt-Zeit		252) ν Argus AR.		252) ν Argus Dekl.		253) *S* Monocerotis AR.		253) *S* Monocerotis Dekl.		254) ε Geminorum AR.		254) ε Geminorum Dekl.		256) ξ Geminorum AR.		256) ξ Geminorum Dekl.	
1927	h	6h 35m		−43° 7′		6h 36m		+9° 57′		6h 39m		+25° 12′		6h 41m		+12° 58′	
Jan. 1	0	32.894	26	54.30	322	57.791	91	50.69	74	26.804	105	15.84	21	11.849	97	30.36	57
10	23	32.920	36	57.52	303	57.882	41	49.95	60	26.909	52	16.05	31	11.946	47	29.79	44
20	23	32.884	95	60.55	274	57.923	7	49.35	47	26.961	2	16.36	39	11.993	3	29.35	31
30	22	32.789	150	63.29	239	57.916	54	48.88	34	26.959	53	16.75	43	11.990	50	29.04	20
Feb. 9	21	32.639	198	65.68	199	57.862	96	48.54	22	26.906	99	17.18	45	11.940	93	28.84	9
19	21	32.441	236	67.67	155	57.766	130	48.32	10	26.807	137	17.63	43	11.847	128	28.75	0
März 1	20	32.205	265	69.22	107	57.636	155	48.22	0	26.670	166	18.06	38	11.719	155	28.75	7
11	19	31.940	281	70.29	59	57.481	171	48.22	8	26.504	183	18.44	32	11.564	171	28.82	13
21	19	31.659	287	70.88	9	57.310	176	48.30	16	26.321	189	18.76	23	11.393	177	28.95	18
31	18	31.372	281	70.97	39	57.134	170	48.46	24	26.132	183	18.99	15	11.216	171	29.13	22
Apr. 10	17	31.091	264	70.58	87	56.964	154	48.70	30	25.949	167	19.14	6	11.045	156	29.35	25
20	17	30.827	238	69.71	132	56.810	131	49.00	37	25.782	142	19.20	1	10.889	133	29.60	30
30	16	30.589	204	68.39	175	56.679	100	49.37	45	25.640	108	19.19	7	10.756	103	29.90	35
Mai 10	15	30.385	163	66.64	212	56.579	65	49.82	53	25.532	70	19.12	11	10.653	68	30.25	39
20	15	30.222	118	64.52	246	56.514	27	50.35	60	25.462	28	19.01	13	10.585	30	30.64	45
30	14	30.104	70	62.06	274	56.487	13	50.95	67	25.434	15	18.88	14	10.555	10	31.09	50
Juni 9	13	30.034	20	59.32	294	56.500	52	51.62	73	25.449	58	18.74	14	10.565	51	31.59	55
19	13	30.014	30	56.38	309	56.552	91	52.35	78	25.507	100	18.60	12	10.616	89	32.14	59
29	12	30.044	80	53.29	314	56.643	127	53.13	80	25.607	140	18.48	10	10.705	125	32.73	61
Juli 9	11	30.124	128	50.15	311	56.770	160	53.93	80	25.747	175	18.38	8	10.830	159	33.34	61
19	11	30.252	173	47.04	299	56.930	189	54.73	78	25.922	208	18.30	7	10.989	189	33.95	59
29	10	30.425	215	44.05	278	57.119	216	55.51	72	26.130	236	18.23	6	11.178	216	34.54	55
Aug. 8	9	30.640	251	41.27	246	57.335	238	56.23	62	26.366	261	18.17	8	11.394	239	35.09	46
18	9	30.891	284	38.81	208	57.573	258	56.85	50	26.627	281	18.09	10	11.633	258	35.55	36
28	8	31.175	311	36.73	161	57.831	273	57.35	34	26.908	299	17.99	13	11.891	274	35.91	22
Sept. 7	7	31.486	332	35.12	108	58.104	285	57.69	16	27.207	312	17.86	18	12.165	288	36.13	7
17	7	31.818	347	34.04	49	58.389	295	57.85	5	27.519	323	17.68	23	12.453	298	36.20	10
27	6	32.165	355	33.55	11	58.684	301	57.80	24	27.842	329	17.45	28	12.751	305	36.10	27
Okt. 7	5	32.520	355	33.66	72	58.985	304	57.56	44	28.171	333	17.17	31	13.056	307	35.83	45
17	5	32.875	347	34.38	132	59.289	302	57.12	62	28.504	331	16.86	34	13.363	307	35.38	59
27	4	33.222	331	35.70	187	59.591	295	56.50	78	28.835	325	16.52	34	13.670	301	34.79	71
Nov. 6	3	33.553	306	37.57	235	59.886	283	55.72	89	29.160	312	16.18	32	13.971	289	34.08	81
16	3	33.859	272	39.92	276	60.169	264	54.83	96	29.472	292	15.86	27	14.260	271	33.27	85
26	2	34.131	230	42.68	306	60.433	239	53.87	99	29.764	265	15.59	19	14.531	246	32.42	86
Dez. 6	2	34.361	181	45.74	325	60.672	206	52.88	97	30.029	231	15.40	9	14.777	214	31.56	82
16	1	34.542	125	48.99	333	60.878	168	51.91	91	30.260	189	15.31	2	14.991	175	30.74	74
26	0	34.667	66	52.32	330	61.046	124	51.00	81	30.449	141	15.33	13	15.166	131	30.00	64
36	0	34.733		55.62		61.170		50.19		30.590		15.46		15.297		29.36	
Mittl. Ort		31.628		52.81		57.515		52.52		26.541		17.63		11.584		32.14	
sec δ, tg δ		1.370		− 0.937		1.015		+0.176		1.105		+0.471		1.026		+0.230	

Welt-Zeit		257) α Canis maj.*) AR.		Dekl.		258) 18 Monocerotis AR.		Dekl.		262) α Pictoris AR.		Dekl.		261) ϑ Geminorum AR.		Dekl.	
1927	h	6h 41m		−16° 36′		6h 44m		+2° 29′		6h 47m		−61° 51′		6h 47m		+34° 2′	
Jan. 1	0	56.309	66	57.57	227	3.642	92	33.90	120	29.33	2	45.65	356	59.099	124	60.92	74
10	23	56.375	17	59.84	209	3.734	43	32.70	107	29.31	11	49.21	340	59.223	64	61.66	84
20	23	56.392	31	61.93	186	3.777	6	31.63	90	29.20	19	52.61	313	59.287	6	62.50	89
30	22	56.361	77	63.79	159	3.771	51	30.73	72	29.01	28	55.74	279	59.293	51	63.39	89
Feb. 9	21	56.284	118	65.38	129	3.720	93	30.01	54	28.73	35	58.53	237	59.242	102	64.28	86
19	21	56.166	151	66.67	98	3.627	128	29.47	36	28.38	40	60.90	191	59.140	145	65.14	77
März 1	20	56.015	176	67.65	65	3.499	153	29.11	20	27.98	44	62.81	141	58.995	178	65.91	65
11	19	55.839	190	68.30	32	3.346	169	28.91	3	27.54	47	64.22	89	58.817	198	66.56	50
21	19	55.649	195	68.62	1	3.177	175	28.88	12	27.07	49	65.11	35	58.619	206	67.06	32
31	18	55.454	189	68.61	33	3.002	170	29.00	26	26.58	48	65.46	19	58.413	202	67.38	15
Apr. 10	17	55.265	175	68.28	63	2.832	157	29.26	41	26.10	46	65.27	72	58.211	186	67.53	3
20	17	55.090	152	67.65	93	2.675	134	29.67	55	25.64	43	64.55	122	58.025	160	67.50	20
30	16	54.938	122	66.72	121	2.541	106	30.22	68	25.21	39	63.33	170	57.865	126	67.30	34
Mai 10	15	54.816	89	65.51	146	2.435	72	30.90	81	24.82	33	61.63	214	57.739	86	66.96	45
20	15	54.727	51	64.05	169	2.363	36	31.71	92	24.49	27	59.49	254	57.653	41	66.51	54
30	14	54.676	12	62.36	187	2.327	3	32.63	103	24.22	21	56.95	286	57.612	6	65.97	61
Juni 9	13	54.664	27	60.49	201	2.330	41	33.66	112	24.01	13	54.09	312	57.618	52	65.36	64
19	13	54.691	67	58.48	211	2.371	78	34.78	117	23.88	5	50.97	330	57.670	98	64.72	65
29	12	54.758	104	56.37	215	2.449	114	35.95	120	23.83	2	47.67	339	57.768	140	64.07	65
Juli 9	11	54.862	138	54.22	213	2.563	147	37.15	120	23.85	10	44.28	340	57.908	181	63.42	63
19	11	55.000	170	52.09	203	2.710	176	38.35	115	23.95	17	40.88	330	58.089	217	62.79	60
29	10	55.170	199	50.06	187	2.886	204	39.50	106	24.12	25	37.58	309	58.306	248	62.19	57
Aug. 8	9	55.369	224	48.19	165	3.090	226	40.56	93	24.37	31	34.49	279	58.554	276	61.62	54
18	9	55.593	245	46.54	136	3.316	246	41.49	76	24.68	37	31.70	241	58.830	301	61.08	50
28	8	55.838	263	45.18	102	3.562	262	42.25	54	25.05	42	29.29	192	59.131	320	60.58	48
Sept. 7	8	56.101	278	44.16	62	3.824	276	42.79	29	25.47	46	27.37	137	59.451	336	60.10	44
17	7	56.379	288	43.54	20	4.100	287	43.08	3	25.93	49	26.00	75	59.787	349	59.66	42
27	6	56.667	294	43.34	25	4.387	294	43.11	24	26.42	50	25.25	11	60.136	358	59.24	37
Okt. 7	6	56.961	296	43.59	70	4.681	297	42.87	53	26.92	51	25.14	56	60.494	363	58.87	32
17	5	57.257	293	44.29	112	4.978	297	42.34	78	27.43	49	25.70	121	60.857	362	58.55	24
27	4	57.550	285	45.41	151	5.275	291	41.56	100	27.92	47	26.91	183	61.219	356	58.31	17
Nov. 6	4	57.835	270	46.92	185	5.566	279	40.56	119	28.39	42	28.74	238	61.575	344	58.14	5
16	3	58.105	248	48.77	211	5.845	262	39.37	132	28.81	37	31.12	285	61.919	324	58.09	8
26	2	58.353	221	50.88	230	6.107	237	38.05	140	29.18	30	33.97	321	62.243	295	58.17	22
Dez. 6	2	58.574	185	53.18	240	6.344	205	36.65	141	29.48	22	37.18	347	62.538	258	58.39	37
16	1	58.759	145	55.58	242	6.549	167	35.24	137	29.70	13	40.65	361	62.796	214	58.76	53
26	0	58.904	100	58.00	235	6.716	124	33.87	129	29.83	5	44.26	362	63.010	162	59.29	66
36	0	59.004		60.35		6.840		32.58		29.88		47.88		63.172		59.95	
Mittl. Ort		55.778		55.88		3.326		35.55		26.62		45.81		58.794		62.82	
sec δ, tg δ		1.044		−0.298		1.001		+0.044		2.121		−1.870		1.207		+0.676	

*) Ort des Hauptsterns; die jährliche Parallaxe (0.″38) ist bereits berücksichtigt

Welt-Zeit		266) ϑ Canis maj. AR.		266) ϑ Canis maj. Dekl.		265) 15 Lyncis AR.		265) 15 Lyncis Dekl.		268) ε Canis maj. AR.		268) ε Canis maj. Dekl.		269) ζ Geminorum AR.		269) ζ Geminorum Dekl.	
1927	h	$6^h\ 50^m$		$-11°\ 56'$		$6^h\ 50^m$		$+58°\ 31'$		$6^h\ 55^m$		$-28°\ 52'$		$6^h\ 59^m$		$+20°\ 40'$	
Jan. 1	0	48.359	85	46.98	203	58.504	164	11.94	214	46.140	73	18.65	284	47.100	123	41.89	14
10	23	48.444	36	49.01	188	58.668	74	14.08	219	46.213	20	21.49	267	47.223	71	41.75	0
20	23	48.480	12	50.89	167	58.742	16	16.27	216	46.233	34	24.16	243	47.294	18	41.75	12
30	22	48.468	59	52.56	143	58.726	103	18.43	205	46.199	84	26.59	214	47.312	34	41.87	21
Feb. 9	22	48.409	101	53.99	116	58.623	181	20.48	184	46.115	128	28.73	180	47.278	80	42.08	28
19	21	48.308	136	55.15	87	58.442	248	22.32	157	45.987	166	30.53	142	47.198	120	42.36	32
März 1	20	48.172	162	56.02	59	58.194	299	23.89	124	45.821	195	31.95	103	47.078	151	42.68	33
11	20	48.010	179	56.61	30	57.895	332	25.13	85	45.626	212	32.98	62	46.927	170	43.01	32
21	19	47.831	185	56.91	1	57.563	347	25.98	45	45.414	221	33.60	20	46.757	180	43.33	29
31	18	47.646	182	56.92	27	57.216	342	26.43	4	45.193	219	33.80	20	46.577	178	43.62	25
Apr. 10	18	47.464	170	56.65	54	56.874	319	26.47	37	44.974	206	33.60	61	46.399	165	43.87	21
20	17	47.294	149	56.11	80	56.555	283	26.10	75	44.768	187	32.99	99	46.234	145	44.08	16
30	16	47.145	122	55.31	105	56.272	232	25.35	109	44.581	158	32.00	136	46.089	115	44.24	13
Mai 10	16	47.023	90	54.26	128	56.040	172	24.26	137	44.423	126	30.64	169	45.974	81	44.37	11
20	15	46.933	54	52.98	149	55.868	104	22.89	162	44.297	89	28.95	198	45.893	43	44.48	10
30	14	46.879	16	51.49	166	55.764	33	21.27	179	44.208	48	26.97	224	45.850	3	44.58	10
Juni 9	14	46.863	22	49.83	180	55.731	41	19.48	191	44.160	7	24.73	244	45.847	37	44.68	9
19	13	46.885	59	48.03	189	55.772	113	17.57	197	44.153	34	22.29	258	45.884	77	44.77	11
29	12	46.944	95	46.14	194	55.885	182	15.60	198	44.187	74	19.71	265	45.961	115	44.88	10
Juli 9	12	47.039	130	44.20	193	56.067	248	13.62	194	44.261	113	17.06	265	46.076	150	44.98	10
19	11	47.169	160	42.27	186	56.315	307	11.68	185	44.374	150	14.41	256	46.226	182	45.08	9
29	10	47.329	189	40.41	172	56.622	361	9.83	174	44.524	184	11.85	240	46.408	211	45.17	6
Aug. 8	10	47.518	214	38.69	153	56.983	409	8.09	158	44.708	214	9.45	216	46.619	236	45.23	1
18	9	47.732	237	37.16	128	57.392	450	6.51	140	44.922	241	7.29	183	46.855	259	45.24	5
28	8	47.969	255	35.88	97	57.842	483	5.11	119	45.163	265	5.46	144	47.114	277	45.19	12
Sept. 7	8	48.224	270	34.91	61	58.325	512	3.92	96	45.428	285	4.02	98	47.391	294	45.07	22
17	7	48.494	283	34.30	23	58.837	533	2.96	70	45.713	299	3.04	49	47.685	306	44.85	32
27	6	48.777	292	34.07	18	59.370	546	2.26	44	46.012	310	2.55	5	47.991	317	44.53	42
Okt. 7	6	49.069	295	34.25	59	59.916	553	1.82	15	46.322	316	2.60	58	48.308	323	44.11	50
17	5	49.364	295	34.84	98	60.469	551	1.67	15	46.638	314	3.18	110	48.631	325	43.61	57
27	4	49.659	290	35.82	134	61.020	539	1.82	46	46.952	306	4.28	160	48.956	322	43.04	62
Nov. 6	4	49.949	278	37.16	165	61.559	516	2.28	78	47.258	292	5.88	203	49.278	313	42.42	63
16	3	50.227	259	38.81	189	62.075	482	3.06	109	47.550	269	7.91	239	49.591	297	41.79	62
26	2	50.486	233	40.70	207	62.557	435	4.15	139	47.819	240	10.30	266	49.888	273	41.17	55
Dez. 6	2	50.719	200	42.77	215	62.992	375	5.54	166	48.059	201	12.96	284	50.161	242	40.62	46
16	1	50.919	162	44.92	218	63.367	305	7.20	189	48.260	157	15.80	292	50.403	203	40.16	35
26	0	51.081	118	47.10	211	63.672	223	9.09	206	48.417	107	18.72	290	50.606	157	39.81	22
36	0	51.199		49.21		63.895		11.15		48.524		21.62		50.763		39.59	
Mittl. Ort		47.901		45.88		57.675		13.89		45.366		18.44		46.852		43.72	
sec δ, tg δ		1.022		—0.212		1.915		+1.633		1.142		—0.551		1.069		+0.377	

Welt-Zeit		271) γ Canis maj. AR.		271) γ Canis maj. Dekl.		273) δ Canis maj. AR.		273) δ Canis maj. Dekl.		274) 63 Aurigae AR.		274) 63 Aurigae Dekl.		277) λ Geminorum AR.		277) λ Geminorum Dekl.	
1927	h	$7^h\ 0^m$		−15° 31′		$7^h\ 5^m$		−26° 16′		$7^h\ 6^m$		+39° 26′		$7^h\ 13^m$		+16° 40′	
Jan. 1	0	27.886	92	28.26	225	26.049	87	34.49	276	38.607	152	26.12	102	54.191	133	22.42	43
11	0	27.978	42	30.51	209	26.136	33	37.25	261	38.759	90	27.14	113	54.324	82	21.99	28
20	23	28.020	$\overline{8}$	32.60	189	26.169	$\overline{19}$	39.86	238	38.849	27	28.27	121	54.406	30	21.71	14
30	22	28.012	55	34.49	163	26.150	69	42.24	211	38.876	$\overline{36}$	29.48	122	54.436	$\overline{20}$	21.57	2
Feb. 9	22	27.957	98	36.12	135	26.081	114	44.35	178	38.840	93	30.70	116	54.416	68	21.55	$\overline{10}$
19	21	27.859	135	37.47	104	25.967	153	46.13	142	38.747	142	31.86	107	54.348	108	21.65	18
März 1	20	27.724	162	38.51	73	25.814	182	47.55	104	38.605	180	32.93	91	54.240	140	21.83	24
11	20	27.562	181	39.24	42	25.632	201	48.59	66	38.425	206	33.84	72	54.100	162	22.07	27
21	19	27.381	189	39.66	10	25.431	211	49.25	26	38.219	219	34.56	50	53.938	173	22.34	29
31	18	27.192	187	39.76	$\overline{21}$	25.220	211	49.51	$\overline{14}$	38.000	219	35.06	27	53.765	174	22.63	29
Apr. 10	18	27.005	177	39.55	51	25.009	200	49.37	52	37.781	206	35.33	3	53.591	164	22.92	29
20	17	26.828	157	39.04	81	24.809	182	48.85	88	37.575	182	35.36	$\overline{20}$	53.427	145	23.21	28
30	16	26.671	131	38.23	108	24.627	156	47.97	124	37.393	150	35.16	40	53.282	120	23.49	27
Mai 10	16	26.540	100	37.15	134	24.471	124	46.73	156	37.243	109	34.76	58	53.162	88	23.76	27
20	15	26.440	66	35.81	156	24.347	89	45.17	185	37.134	64	34.18	73	53.074	52	24.03	28
30	14	26.374	28	34.25	176	24.258	51	43.32	210	37.070	17	33.45	85	53.022	15	24.31	29
Juni 9	14	26.346	$\overline{9}$	32.49	192	24.207	11	41.22	230	37.053	$\overline{32}$	32.60	93	53.007	$\overline{24}$	24.60	30
19	13	26.355	47	30.57	202	24.196	$\overline{28}$	38.92	244	37.085	80	31.67	98	53.031	61	24.90	30
29	13	26.402	84	28.55	208	24.224	68	36.48	252	37.165	126	30.69	101	53.092	98	25.20	30
Juli 9	12	26.486	118	26.47	207	24.292	105	33.96	253	37.291	169	29.68	101	53.190	132	25.50	29
19	11	26.604	150	24.40	201	24.397	141	31.43	246	37.460	209	28.67	100	53.322	164	25.79	26
29	11	26.754	180	22.39	187	24.538	174	28.97	231	37.669	245	27.67	97	53.486	193	26.05	21
Aug. 8	10	26.934	207	20.52	167	24.712	204	26.66	208	37.914	277	26.70	93	53.679	219	26.26	13
18	9	27.141	231	18.85	141	24.916	231	24.58	178	38.191	304	25.77	87	53.898	241	26.39	5
28	9	27.372	251	17.44	108	25.147	256	22.80	140	38.495	329	24.90	82	54.139	262	26.44	$\overline{7}$
Sept. 7	8	27.623	268	16.36	71	25.403	276	21.40	98	38.824	349	24.08	76	54.401	279	26.37	20
17	7	27.891	282	15.65	30	25.679	292	20.42	50	39.173	366	23.32	67	54.680	294	26.17	34
27	7	28.173	293	15.35	$\overline{13}$	25.971	304	19.92	$\overline{1}$	39.539	379	22.65	59	54.974	306	25.83	47
Okt. 7	6	28.466	298	15.48	57	26.275	311	19.93	54	39.918	388	22.06	49	55.280	315	25.36	61
17	5	28.764	299	16.05	100	26.586	312	20.47	105	40.306	391	21.57	36	55.595	319	24.75	72
27	5	29.063	295	17.05	139	26.898	307	21.52	152	40.697	387	21.21	21	55.914	319	24.03	80
Nov. 6	4	29.358	284	18.44	174	27.205	294	23.04	195	41.084	377	21.00	4	56.233	312	23.23	86
16	3	29.642	266	20.18	201	27.499	274	24.99	230	41.461	359	20.96	$\overline{14}$	56.545	298	22.37	87
26	3	29.908	241	22.19	221	27.773	246	27.29	257	41.820	331	21.10	34	56.843	277	21.50	84
Dez. 6	2	30.149	208	24.40	233	28.019	211	29.86	275	42.151	294	21.44	55	57.120	247	20.66	76
16	1	30.357	169	26.73	237	28.230	169	32.61	284	42.445	247	21.99	74	57.367	211	19.90	66
26	1	30.526	124	29.10	233	28.399	120	35.45	282	42.692	193	22.73	91	57.578	167	19.24	53
36	0	30.650		31.43		28.519		38.27		42.885		23.64		57.745		18.71	
Mittl. Ort		27.381		27.78		25.345		34.84		38.262		28.52		53.952		24.07	
sec δ, tg δ		1.038		−0.278		1.115		−0.494		1.295		+0.823		1.044		+0.300	

Welt-Zeit		278) π Argus AR.		278) π Argus Dekl.		279) δ Geminorum AR.		279) δ Geminorum Dekl.		281) δ Volantis AR.		281) δ Volantis Dekl.		280) 19 Lyncis sq. AR.		280) 19 Lyncis sq. Dekl.	
1927	h	7h 14m		−36° 57′		7h 15m		+22° 6′		7h 16m		−67° 49′		7h 16m		+55° 25′	
Jan. 1	1	34.819	85	54.46	318	46.165	141	63.62	9	56.06	2	21.79	369	55.770	201	11.81	189
11	0	34.904	27	57.64	305	46.306	88	63.53	6	56.08	9	25.48	359	55.971	119	13.70	202
20	23	34.931	31	60.69	283	46.394	34	63.59	18	55.99	20	29.07	340	56.090	33	15.72	206
30	23	34.900	86	63.52	254	46.428	19	63.77	29	55.79	31	32.47	312	56.123	50	17.78	202
Feb. 9	22	34.814	136	66.06	219	46.409	67	64.06	38	55.48	40	35.59	276	56.073	126	19.80	189
19	21	34.678	178	68.25	180	46.342	110	64.44	41	55.08	47	38.35	234	55.947	194	21.69	168
März 1	21	34.500	212	70.05	138	46.232	142	64.85	42	54.61	54	40.69	187	55.753	248	23.37	142
11	20	34.288	234	71.43	94	46.090	166	65.27	41	54.07	58	42.56	137	55.505	286	24.79	109
21	19	34.054	246	72.37	48	45.924	178	65.68	37	53.49	60	43.93	85	55.219	306	25.88	72
31	19	33.808	248	72.85	2	45.746	179	66.05	31	52.89	61	44.78	31	54.913	311	26.60	33
Apr. 10	18	33.560	239	72.87	42	45.567	169	66.36	25	52.28	61	45.09	23	54.602	298	26.93	5
20	17	33.321	221	72.45	86	45.398	151	66.61	19	51.67	58	44.86	75	54.304	270	26.88	43
30	17	33.100	195	71.59	128	45.247	124	66.80	14	51.09	53	44.11	126	54.034	231	26.45	77
Mai 10	16	32.905	164	70.31	166	45.123	91	66.94	8	50.56	48	42.85	174	53.803	180	25.68	108
20	15	32.741	127	68.65	201	45.032	56	67.02	5	50.08	42	41.11	218	53.623	123	24.60	134
30	15	32.614	86	66.64	232	44.976	16	67.07	2	49.66	34	38.93	256	53.500	61	23.26	156
Juni 9	14	32.528	44	64.32	256	44.960	24	67.09	1	49.32	25	36.37	288	53.439	4	21.70	172
19	13	32.484	0	61.76	274	44.984	63	67.10	1	49.07	17	33.49	313	53.443	69	19.98	183
29	13	32.484	43	59.02	285	45.047	100	67.09	2	48.90	8	30.36	329	53.512	132	18.15	188
Juli 9	12	32.527	86	56.17	288	45.147	136	67.07	4	48.82	3	27.07	336	53.644	193	16.27	190
19	11	32.613	127	53.29	282	45.283	169	67.03	7	48.85	12	23.71	334	53.837	248	14.37	188
29	11	32.740	166	50.47	268	45.452	198	66.96	9	48.97	21	20.37	320	54.085	300	12.49	181
Aug. 8	10	32.906	203	47.79	244	45.650	225	66.87	15	49.18	30	17.17	298	54.385	346	10.68	170
18	9	33.109	236	45.35	213	45.875	250	66.72	21	49.48	38	14.19	265	54.731	387	8.98	158
28	9	33.345	265	43.22	172	46.125	270	66.51	28	49.86	46	11.54	221	55.118	424	7.40	142
Sept. 7	8	33.610	291	41.50	125	46.395	289	66.23	37	50.32	52	9.33	171	55.542	454	5.98	124
17	7	33.901	312	40.25	72	46.684	304	65.86	46	50.84	57	7.62	112	55.996	479	4.74	104
27	7	34.213	327	39.53	16	46.988	317	65.40	54	51.41	60	6.50	49	56.475	498	3.70	80
Okt. 7	6	34.540	336	39.37	43	47.305	325	64.86	61	52.01	62	6.01	18	56.973	512	2.90	54
17	5	34.876	338	39.80	100	47.630	330	64.25	67	52.63	62	6.19	84	57.485	517	2.36	27
27	5	35.214	332	40.80	156	47.960	331	63.58	71	53.25	59	7.03	149	58.002	513	2.09	3
Nov. 6	4	35.546	318	42.36	206	48.291	324	62.87	70	53.84	55	8.52	208	58.515	499	2.12	35
16	4	35.864	295	44.42	248	48.615	310	62.17	66	54.39	48	10.60	262	59.014	475	2.47	66
26	3	36.159	264	46.90	282	48.925	288	61.51	58	54.87	41	13.22	305	59.489	438	3.13	98
Dez. 6	2	36.423	224	49.72	307	49.213	258	60.93	47	55.28	31	16.27	338	59.927	389	4.11	128
16	2	36.647	176	52.79	319	49.471	220	60.46	35	55.59	21	19.65	360	60.316	327	5.39	155
26	1	36.823	122	55.98	322	49.691	176	60.11	19	55.80	9	23.25	369	60.643	255	6.94	178
36	0	36.945		59.20		49.867		59.92		55.89		26.94		60.898		8.72	
Mittl. Ort		33.824		56.12		45.929		65.55		52.42		25.41		55.096		14.89	
sec δ, tg δ		1.252		−0.753		1.079		+0.406		2.649		−2.453		1.762		+1.451	

Welt-Zeit		282) ι Geminorum AR.		Dekl.		285) β Canis min. AR.		Dekl.	
1927	h	7ʰ 21ᵐ s		+27° 56′ ″		7ʰ 23ᵐ s		+8° 26′ ″	
Jan. 1	1	11.985	154	38.44	25	11.847	135	14.57	97
11	0	12.139	98	38.69	41	11.982	85	13.60	82
20	23	12.237	41	39.10	53	12.067	35	12.78	65
30	23	12.278	14	39.63	61	12.102	15	12.13	48
Feb. 9	22	12.264	65	40.24	67	12.087	61	11.65	32
19	21	12.199	111	40.91	67	12.026	100	11.33	17
März 1	21	12.088	146	41.58	64	11.926	133	11.16	4
11	20	11.942	172	42.22	56	11.793	155	11.12	8
21	19	11.770	185	42.78	47	11.638	166	11.20	18
31	19	11.585	188	43.25	36	11.472	169	11.38	27
Apr. 10	18	11.397	179	43.61	23	11.303	161	11.65	35
20	17	11.218	157	43.84	11	11.142	145	12.00	42
30	17	11.061	137	43.95	0	10.997	121	12.42	49
Mai 10	16	10.924	100	43.95	11	10.876	92	12.91	55
20	15	10.824	62	43.84	19	10.784	59	13.46	61
30	15	10.762	23	43.65	26	10.725	24	14.07	67
Juni 9	14	10.739	19	43.39	32	10.701	12	14.74	71
19	13	10.758	60	43.07	35	10.713	48	15.45	74
29	13	10.818	99	42.72	38	10.761	83	16.19	75
Juli 9	12	10.917	136	42.34	40	10.844	117	16.94	74
19	12	11.053	172	41.94	42	10.961	147	17.68	70
29	11	11.225	203	41.52	45	11.108	175	18.38	62
Aug. 8	10	11.428	231	41.07	47	11.283	201	19.00	51
18	10	11.659	257	40.60	51	11.484	224	19.51	38
28	9	11.916	279	40.09	54	11.708	245	19.89	21
Sept. 7	8	12.195	300	39.55	58	11.953	264	20.10	1
17	8	12.495	316	38.97	62	12.217	280	20.11	20
27	7	12.811	330	38.35	65	12.497	293	19.91	43
Okt. 7	6	13.141	341	37.70	66	12.790	302	19.48	64
17	6	13.482	346	37.04	66	13.092	308	18.84	84
27	5	13.828	347	36.38	62	13.400	309	18.00	101
Nov. 6	4	14.175	341	35.76	56	13.709	304	16.99	115
16	4	14.516	327	35.20	47	14.013	292	15.84	123
26	3	14.843	305	34.73	34	14.305	272	14.61	126
Dez. 6	2	15.148	275	34.39	19	14.577	244	13.35	125
16	2	15.423	236	34.20	3	14.821	209	12.10	118
26	1	15.659	189	34.17	14	15.030	167	10.92	106
36	0	15.848		34.31		15.197		9.86	
Mittl. Ort		11.742		40.69		11.594		15.63	
sec δ, tg δ		1.132		+0.531		1.011		+0.148	

Welt-Zeit		284) Grb 1308 AR.		Dekl.		286) ρ Geminorum AR.		Dekl.	
1927	h	7ʰ 23ᵐ s		+68° 36′ ″		7ʰ 24ᵐ s		+31° 55′ ″	
Jan. 1	1	19.50	29	58.07	252	25.403	163	49.99	50
11	0	19.79	15	60.59	263	25.566	106	50.49	65
20	23	19.94	3	63.22	266	25.672	47	51.14	77
30	23	19.97	10	65.88	257	25.719	12	51.91	85
Feb. 9	22	19.87	21	68.45	239	25.707	65	52.76	88
19	21	19.66	31	70.84	212	25.642	112	53.64	85
März 1	21	19.35	40	72.96	176	25.530	150	54.49	79
11	20	18.95	46	74.72	133	25.380	177	55.28	69
21	19	18.49	50	76.05	87	25.203	192	55.97	55
31	19	17.99	51	76.92	38	25.011	195	56.52	39
Apr. 10	18	17.48	50	77.30	12	24.816	187	56.91	23
20	17	16.98	46	77.18	59	24.629	168	57.14	7
30	17	16.52	40	76.59	104	24.461	141	57.21	9
Mai 10	16	16.12	33	75.55	143	24.320	107	57.12	23
20	15	15.79	25	74.12	178	24.213	69	56.89	34
30	15	15.54	15	72.34	205	24.144	27	56.55	43
Juni 9	14	15.39	6	70.29	227	24.117	16	56.12	52
19	13	15.33	5	68.02	242	24.133	58	55.60	57
29	13	15.38	15	65.60	250	24.191	100	55.03	61
Juli 9	12	15.53	23	63.10	252	24.291	139	54.42	64
19	12	15.76	33	60.58	248	24.430	174	53.78	66
29	11	16.09	42	58.10	239	24.604	208	53.12	68
Aug. 8	10	16.51	49	55.71	225	24.812	238	52.44	69
18	10	17.00	56	53.46	206	25.050	264	51.75	70
28	9	17.56	62	51.40	183	25.314	289	51.05	71
Sept. 7	8	18.18	67	49.57	157	25.603	310	50.34	72
17	8	18.85	72	48.00	127	25.913	328	49.62	71
27	7	19.57	75	46.73	94	26.241	342	48.91	71
Okt. 7	6	20.32	76	45.79	57	26.583	354	48.20	69
17	6	21.08	77	45.22	19	26.937	360	47.51	64
27	5	21.85	77	45.03	21	27.297	362	46.87	56
Nov. 6	4	22.62	74	45.24	62	27.659	355	46.31	46
16	4	23.36	71	45.86	104	28.014	342	45.85	33
26	3	24.07	64	46.90	144	28.356	320	45.52	17
Dez. 6	2	24.71	57	48.34	180	28.676	288	45.35	1
16	2	25.28	48	50.14	213	28.964	248	45.36	19
26	1	25.76	36	52.27	238	29.212	200	45.55	38
36	0	26.12		54.65		29.412		45.93	
Mittl. Ort		18.03		61.61		25.144		52.49	
sec δ, tg δ		2.743		+2.554		1.178		+0.623	

Welt-Zeit		287) α Geminorum[1]				289) 25 Monocerotis				291) α Canis min.[2]				292) 24 Lyncis			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927		7h 29m		+32° 2′		7h 33m		−3° 56′		7h 35m		+5° 24′		7h 36m		+58° 52′	
	h	s		″		s		″		s		″		s		″	
Jan. 1	1	56.872	168	59.23	48	39.283	134	48.42	173	29.189	139	47.76	122	51.211	250	54.93	199
11	0	57.040	112	59.71	64	39.417	85	50.15	159	29.328	90	46.54	106	51.461	160	56.92	215
20	23	57.152	52	60.35	77	39.502	36	51.74	140	29.418	40	45.48	88	51.621	68	59.07	224
30	23	57.204	6	61.12	85	39.538	14	53.14	119	29.458	9	44.60	69	51.689	25	61.31	223
Feb. 9	22	57.198	60	61.97	89	39.524	59	54.33	96	29.449	56	43.91	50	51.664	112	63.54	212
19	21	57.138	109	62.86	88	39.465	98	55.29	73	29.393	96	43.41	32	51.552	190	65.66	194
März 1	21	57.029	147	63.74	81	39.367	131	56.02	49	29.297	128	43.09	16	51.362	253	67.60	167
11	20	56.882	175	64.55	71	39.236	154	56.51	27	29.169	152	42.93	2	51.109	300	69.27	134
21	19	56.707	191	65.26	58	39.082	167	56.78	6	29.017	165	42.91	12	50.809	331	70.61	96
31	19	56.516	195	65.84	42	38.915	171	56.84	15	28.852	168	43.03	23	50.478	342	71.57	56
Apr. 10	18	56.321	188	66.26	26	38.744	164	56.69	36	28.684	162	43.26	34	50.136	335	72.13	13
20	18	56.133	171	66.52	9	38.580	151	56.33	54	28.522	147	43.60	44	49.801	312	72.26	28
30	17	55.962	144	66.61	7	38.429	130	55.79	72	28.375	125	44.04	53	49.489	275	71.98	67
Mai 10	16	55.818	111	66.54	21	38.299	103	55.07	89	28.250	98	44.57	61	49.214	226	71.31	103
20	16	55.707	74	66.33	34	38.196	72	54.18	104	28.152	66	45.18	69	48.988	167	70.28	135
30	15	55.633	32	65.99	44	38.124	39	53.14	117	28.086	32	45.87	76	48.821	104	68.93	161
Juni 9	14	55.601	9	65.55	53	38.085	5	51.97	128	28.054	3	46.63	80	48.717	35	67.32	182
19	14	55.610	52	65.02	59	38.080	30	50.69	135	28.057	38	47.43	84	48.682	33	65.50	197
29	13	55.662	93	64.43	63	38.110	64	49.34	140	28.095	72	48.27	86	48.715	102	63.53	208
Juli 9	12	55.755	132	63.80	67	38.174	96	47.94	140	28.167	105	49.13	84	48.817	168	61.45	214
19	12	55.887	168	63.13	70	38.270	127	46.54	135	28.272	136	49.97	78	48.985	231	59.31	214
29	11	56.055	202	62.43	72	38.397	156	45.19	126	28.408	164	50.75	71	49.216	289	57.17	210
Aug. 8	10	56.257	232	61.71	74	38.553	183	43.93	111	28.572	191	51.46	58	49.505	343	55.07	202
18	10	56.489	260	60.97	75	38.736	208	42.82	92	28.763	214	52.04	44	49.848	392	53.05	190
28	9	56.749	284	60.22	76	38.944	230	41.90	67	28.977	236	52.48	24	50.240	436	51.15	175
Sept. 7	8	57.033	306	59.46	78	39.174	250	41.23	39	29.213	255	52.72	2	50.676	474	49.40	156
17	8	57.339	325	58.68	78	39.424	268	40.84	8	29.468	272	52.74	22	51.150	506	47.84	135
27	7	57.664	340	57.90	77	39.692	283	40.76	26	29.740	287	52.52	46	51.656	532	46.49	109
Okt. 7	6	58.004	353	57.13	75	39.975	294	41.02	59	30.027	298	52.06	71	52.188	552	45.40	82
17	6	58.357	360	56.38	69	40.269	301	41.61	92	30.325	304	51.35	95	52.740	562	44.58	52
27	5	58.717	362	55.69	62	40.570	303	42.53	122	30.629	307	50.40	115	53.302	564	44.06	18
Nov. 6	4	59.079	358	55.07	52	40.873	299	43.75	147	30.936	303	49.25	131	53.866	555	43.88	17
16	4	59.437	345	54.55	38	41.172	287	45.22	167	31.239	292	47.94	142	54.421	532	44.05	53
26	3	59.782	323	54.17	22	41.459	269	46.89	181	31.531	273	46.52	147	54.953	496	44.58	89
Dez. 6	2	60.105	293	53.95	3	41.728	242	48.70	188	31.804	246	45.05	148	55.449	446	45.47	125
16	2	60.398	253	53.92	16	41.970	206	50.58	187	32.050	212	43.57	142	55.895	383	46.72	157
26	1	60.651	205	54.08	35	42.176	166	52.45	182	32.262	171	42.15	132	56.278	308	48.29	183
36	0	60.856		54.43		42.342		54.27		32.433		40.83		56.586		50.12	
Mittl. Ort		56.619		61.84		38.957		48.63		28.931		48.45		50.440		58.96	
sec δ, tg δ		1.180		+0.626		1.002		−0.069		1.004		+0.095		1.935		+1.657	

[1]) AR. der Mitte; Dekl. des folgenden helleren Sterns

[2]) Ort des hellen Sterns; die jährliche Parallaxe (0.″33) ist bereits berücksichtigt

Welt-Zeit		294) κ Geminorum AR.		294) κ Geminorum Dekl.		295) β Geminorum AR.		295) β Geminorum Dekl.		297) ζ Volantis AR.		297) ζ Volantis Dekl.		296) π Geminorum AR.		296) π Geminorum Dekl.	
1927		7h 40m		+24° 34′		7h 40m		+28° 12′		7h 42m		−72° 25′		7h 42m		+33° 35′	
Jan. 1	1h	2.822s	169	25.71″	3	51.338s	173	11.49″	19	48.26s	8	45.07″	371	48.478s	186	43.70″	52
11	0	2.991	116	25.68	15	51.511	119	11.68	37	48.34	6	48.78	369	48.664	128	44.22	70
21	0	3.107	60	25.83	30	51.630	62	12.05	52	48.28	20	52.47	357	48.792	69	44.92	85
30	23	3.167	5	26.13	43	51.692	6	12.57	64	48.08	33	56.04	335	48.861	8	45.77	95
Feb. 9	22	3.172	46	26.56	52	51.698	48	13.21	72	47.75	45	59.39	305	48.869	49	46.72	99
19	22	3.126	92	27.08	57	51.650	96	13.93	74	47.30	55	62.44	268	48.820	98	47.71	99
März 1	21	3.034	129	27.65	59	51.554	134	14.67	72	46.75	64	65.12	226	48.722	140	48.70	93
11	20	2.905	157	28.24	56	51.420	163	15.39	67	46.11	70	67.38	178	48.582	171	49.63	83
21	20	2.748	174	28.80	51	51.257	180	16.06	58	45.41	75	69.16	128	48.411	189	50.46	68
31	19	2.574	178	29.31	43	51.077	187	16.64	46	44.66	77	70.44	75	48.222	197	51.14	52
Apr. 10	18	2.396	174	29.74	34	50.890	181	17.10	34	43.89	76	71.19	22	48.025	191	51.66	33
20	18	2.222	159	30.08	25	50.709	166	17.44	21	43.13	75	71.41	31	47.834	177	51.99	15
30	17	2.063	136	30.33	15	50.543	143	17.65	7	42.38	72	71.10	84	47.657	152	52.14	4
Mai 10	16	1.927	107	30.48	7	50.400	112	17.72	4	41.66	66	70.26	134	47.505	121	52.10	20
20	16	1.820	73	30.55	1	50.288	78	17.68	15	41.00	59	68.92	181	47.384	85	51.90	35
30	15	1.747	36	30.54	7	50.210	40	17.53	24	40.41	51	67.11	224	47.299	44	51.55	48
Juni 9	14	1.711	2	30.47	13	50.170	0	17.29	32	39.90	41	64.87	261	47.255	3	51.07	59
19	14	1.713	41	30.34	18	50.170	40	16.97	38	39.49	31	62.26	292	47.252	39	50.48	67
29	13	1.754	78	30.16	22	50.210	78	16.59	43	39.18	19	59.34	314	47.291	80	49.81	75
Juli 9	12	1.832	114	29.94	26	50.288	115	16.16	48	38.99	8	56.20	327	47.371	120	49.06	80
19	12	1.946	148	29.68	31	50.403	150	15.68	52	38.91	4	52.93	332	47.491	157	48.26	83
29	11	2.094	179	29.37	35	50.553	183	15.16	56	38.95	17	49.61	326	47.648	191	47.43	87
Aug. 8	10	2.273	208	29.02	40	50.736	212	14.60	60	39.12	28	46.35	310	47.839	222	46.56	90
18	10	2.481	234	28.62	47	50.948	239	14.00	65	39.40	39	43.25	283	48.061	253	45.66	91
28	9	2.715	258	28.15	54	51.187	265	13.35	69	39.79	50	40.42	245	48.314	279	44.75	93
Sept. 7	9	2.973	279	27.61	61	51.452	287	12.66	74	40.29	59	37.97	200	48.593	303	43.82	93
17	8	3.252	299	27.00	69	51.739	306	11.92	78	40.88	66	35.97	145	48.896	323	42.89	93
27	7	3.551	316	26.31	76	52.045	324	11.14	82	41.54	71	34.52	84	49.219	342	41.96	91
Okt. 7	7	3.867	329	25.55	81	52.369	337	10.32	83	42.25	75	33.68	20	49.561	357	41.05	87
17	6	4.196	337	24.74	84	52.706	347	9.49	83	43.00	76	33.48	48	49.918	366	40.18	82
27	5	4.533	341	23.90	85	53.053	350	8.66	79	43.76	74	33.96	114	50.284	371	39.36	72
Nov. 6	5	4.874	339	23.05	81	53.403	348	7.87	73	44.50	70	35.10	177	50.655	368	38.64	59
16	4	5.213	329	22.24	74	53.751	338	7.14	62	45.20	64	36.87	233	51.023	357	38.05	44
26	3	5.542	311	21.50	64	54.089	319	6.52	48	45.84	54	39.20	283	51.380	338	37.61	26
Dez. 6	3	5.853	283	20.86	50	54.408	291	6.04	31	46.38	43	42.03	322	51.718	309	37.35	5
16	2	6.136	247	20.36	33	54.699	254	5.73	13	46.81	31	45.25	351	52.027	270	37.30	17
26	1	6.383	204	20.03	15	54.953	209	5.60	6	47.12	17	48.76	367	52.297	222	37.47	38
36	1	6.587		19.88		55.162		5.66		47.29		52.43		52.519		37.85	
Mittl. Ort		2.614		27.91		51.121		13.98		43.56		51.78		48.237		46.62	
sec δ, tg δ		1.100		+0.457		1.135		+0.536		3.313		−3.158		1.201		+0.664	

Welt-Zeit		300) Grb 1374 AR.		300) Grb 1374 Dekl.		303) χ Argus AR.		303) χ Argus Dekl.		305) χ Geminorum AR.		305) χ Geminorum Dekl.		306) ζ Argus AR.		306) ζ Argus Dekl.	
1927	h	7h 51m		+74° 6′		7h 54m		−52° 46′		7h 59m		+27° 59′		8h 0m		−39° 47′	
Jan. 1	1	31.63 s	44	50.98 ″	260	57.095 s	127	62.43 ″	362	2.485 s	194	58.45 ″	10	62.031 s	141	42.55 ″	335
11	0	32.07	28	53.58	278	57.222	53	66.05	360	2.679	140	58.55	30	62.172	81	45.90	329
21	0	32.35	11	56.36	287	57.275	21	69.65	346	2.819	83	58.85	48	62.253	20	49.19	315
30	23	32.46	6	59.23	285	57.254	93	73.11	324	2.902	26	59.33	62	62.273	40	52.34	293
Feb. 9	23	32.40	21	62.08	271	57.161	160	76.35	293	2.928	29	59.95	73	62.233	95	55.27	263
19	22	32.19	36	64.79	247	57.001	219	79.28	257	2.899	78	60.68	78	62.138	145	57.90	228
März 1	21	31.83	49	67.26	213	56.782	267	81.85	214	2.821	119	61.46	78	61.993	186	60.18	189
11	21	31.34	58	69.39	171	56.515	303	83.99	169	2.702	150	62.24	74	61.807	216	62.07	147
21	20	30.76	65	71.10	123	56.212	328	85.68	120	2.552	171	62.98	67	61.591	238	63.54	102
31	19	30.11	68	72.33	72	55.884	341	86.88	70	2.381	180	63.65	56	61.353	248	64.56	56
Apr. 10	19	29.43	68	73.05	19	55.543	341	87.58	18	2.201	178	64.21	44	61.105	248	65.12	10
20	18	28.75	66	73.24	34	55.202	330	87.76	33	2.023	167	64.65	30	60.857	239	65.22	36
30	17	28.09	60	72.90	84	54.872	311	87.43	83	1.856	147	64.95	17	60.618	222	64.86	80
Mai 10	17	27.49	52	72.06	131	54.561	281	86.60	130	1.709	120	65.12	3	60.396	198	64.06	122
20	16	26.97	42	70.75	171	54.280	245	85.30	175	1.589	88	65.15	8	60.198	168	62.84	162
30	15	26.55	31	69.04	207	54.035	202	83.55	215	1.501	53	65.07	19	60.030	133	61.22	197
Juni 9	15	26.24	19	66.97	236	53.833	155	81.40	250	1.448	15	64.88	30	59.897	96	59.25	228
19	14	26.05	7	64.61	258	53.678	103	78.90	278	1.433	23	64.58	37	59.801	55	56.97	252
29	13	25.98	7	62.03	272	53.575	49	76.12	299	1.456	61	64.21	44	59.746	14	54.45	271
Juli 9	13	26.05	19	59.31	281	53.526	6	73.13	312	1.517	97	63.77	51	59.732	29	51.74	281
19	12	26.24	32	56.50	282	53.532	62	70.01	315	1.614	132	63.26	57	59.761	71	48.93	283
29	11	26.56	44	53.68	277	53.594	118	66.86	309	1.746	165	62.69	63	59.832	113	46.10	276
Aug. 8	11	27.00	54	50.91	267	53.712	173	63.77	293	1.911	195	62.06	69	59.945	155	43.34	260
18	10	27.54	65	48.24	251	53.885	225	60.84	267	2.106	224	61.37	75	60.100	197	40.74	235
28	9	28.19	74	45.73	229	54.110	274	58.17	230	2.330	250	60.62	81	60.297	226	38.39	201
Sept. 7	9	28.93	82	43.44	204	54.384	319	55.87	185	2.580	275	59.81	87	60.523	264	36.38	159
17	8	29.75	89	41.40	173	54.703	357	54.02	132	2.855	297	58.94	93	60.787	295	34.79	109
27	7	30.64	94	39.67	138	55.060	388	52.70	73	3.152	316	58.01	96	61.082	320	33.70	55
Okt. 7	7	31.58	98	38.29	100	55.448	409	51.97	10	3.468	334	57.05	99	61.402	339	33.15	4
17	6	32.56	101	37.29	58	55.857	421	51.87	54	3.802	346	56.06	98	61.741	352	33.19	63
27	5	33.57	101	36.71	14	56.278	422	52.41	119	4.148	353	55.08	96	62.093	355	33.82	122
Nov. 6	5	34.58	99	36.57	33	56.700	410	53.60	180	4.501	354	54.12	89	62.448	351	35.04	177
16	4	35.57	95	36.90	80	57.110	386	55.40	234	4.855	347	53.23	78	62.799	336	36.81	226
26	3	36.52	89	37.70	126	57.496	349	57.74	281	5.202	331	52.45	63	63.135	310	39.07	268
Dez. 6	3	37.41	79	38.96	170	57.845	300	60.55	318	5.533	306	51.82	46	63.445	275	41.75	300
16	2	38.20	68	40.66	209	58.145	241	63.73	345	5.839	272	51.36	26	63.720	231	44.75	323
26	1	38.88	55	42.75	242	58.386	175	67.18	360	6.111	228	51.10	4	63.951	179	47.98	334
36	1	39.43		45.17		58.561		70.78		6.339		51.06		64.130		51.32	
Mittl. Ort		29.50		56.01		55.423		68.97		2.304		61.12		61.043		48.28	
sec δ, tg δ		3.654		+3.514		1.654		−1.317		1.133		+0.532		1.302		−0.833	

Welt-Zeit		307) 27 Lyncis				308) ι Navis				309) γ Argus				311) 20 Navis			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927		8h 2m		+51° 42′		8h 4m		−24° 5′		8h 7m		−47° 6′		8h 9m		−15° 33′	
Jan. 1	1h	58.970s	260	62.55″	147	26.629s	151	30.65″	280	18.217s	148	67.91″	353	59.060s	162	59.27″	244
11	1	59.230	186	64.02	170	26.780	100	33.45	271	18.365	81	71.44	351	59.222	112	61.71	232
21	0	59.416	107	65.72	185	26.880	46	36.16	255	18.446	14	74.95	339	59.334	61	64.03	215
30	23	59.523	28	67.57	194	26.926	6	38.71	232	18.460	53	78.34	318	59.395	11	66.18	193
Feb. 9	23	59.551	49	69.51	193	26.920	56	41.03	205	18.407	114	81.52	290	59.406	38	68.11	167
19	22	59.502	117	71.44	183	26.864	99	43.08	173	18.293	169	84.42	254	59.368	82	69.78	139
März 1	21	59.385	176	73.27	167	26.765	137	44.81	139	18.124	214	86.96	215	59.286	118	71.17	109
11	21	59.209	222	74.94	144	26.628	165	46.20	104	17.910	250	89.11	171	59.168	145	72.26	78
21	20	58.987	254	76.38	114	26.463	183	47.24	67	17.660	274	90.82	124	59.023	165	73.04	48
31	19	58.733	270	77.52	81	26.280	192	47.91	31	17.386	288	92.06	76	58.858	174	73.52	17
Apr. 10	19	58.463	270	78.33	45	26.088	192	48.22	6	17.098	290	92.82	27	58.684	174	73.69	12
20	18	58.193	257	78.78	10	25.896	184	48.16	42	16.808	282	93.09	22	58.510	166	73.57	41
30	17	57.936	233	78.88	27	25.712	167	47.74	76	16.526	266	92.87	70	58.344	150	73.16	69
Mai 10	17	57.703	197	78.61	60	25.545	145	46.98	109	16.260	242	92.17	116	58.194	130	72.47	96
20	16	57.506	153	78.01	91	25.400	119	45.89	138	16.018	210	91.01	159	58.064	105	71.51	119
30	15	57.353	103	77.10	117	25.281	88	44.51	166	15.808	174	89.42	199	57.959	75	70.32	140
Juni 9	15	57.250	51	75.93	140	25.193	55	42.85	188	15.634	134	87.43	233	57.884	45	68.92	158
19	14	57.199	4	74.53	159	25.138	21	40.97	207	15.500	89	85.10	262	57.839	12	67.34	173
29	14	57.203	58	72.94	173	25.117	14	38.90	219	15.411	43	82.48	282	57.827	20	65.61	182
Juli 9	13	57.261	112	71.21	184	25.131	48	36.71	225	15.368	6	79.66	296	57.847	53	63.79	186
19	12	57.373	164	69.37	190	25.179	83	34.46	225	15.374	54	76.70	301	57.900	85	61.93	185
29	12	57.537	212	67.47	192	25.262	116	32.21	218	15.428	102	73.69	296	57.985	116	60.08	177
Aug. 8	11	57.749	258	65.55	191	25.378	149	30.03	202	15.530	150	70.73	282	58.101	145	58.31	162
18	10	58.007	301	63.64	186	25.527	180	28.01	179	15.680	197	67.91	257	58.246	175	56.69	141
28	10	58.308	340	61.78	179	25.707	209	26.22	148	15.877	240	65.34	224	58.421	202	55.28	115
Sept. 7	9	58.648	376	59.99	169	25.916	236	24.74	111	16.117	281	63.10	182	58.623	228	54.13	81
17	8	59.024	407	58.30	155	26.152	262	23.63	69	16.398	317	61.28	130	58.851	251	53.32	43
27	8	59.431	435	56.75	138	26.414	283	22.94	22	16.715	347	59.98	74	59.102	273	52.89	3
Okt. 7	7	59.866	458	55.37	118	26.697	301	22.72	28	17.062	370	59.24	14	59.375	290	52.86	41
17	6	60.324	474	54.19	94	26.998	313	23.00	77	17.432	384	59.10	49	59.665	304	53.27	84
27	6	60.798	483	53.25	67	27.311	319	23.77	126	17.816	390	59.59	111	59.969	311	54.11	125
Nov. 6	5	61.281	483	52.58	37	27.630	318	25.03	170	18.206	383	60.70	171	60.280	312	55.36	163
16	4	61.764	472	52.21	4	27.948	308	26.73	208	18.589	366	62.41	224	60.592	305	56.99	194
26	4	62.236	449	52.17	30	28.256	290	28.81	241	18.955	338	64.65	271	60.897	290	58.93	220
Dez. 6	3	62.685	413	52.47	64	28.546	263	31.22	264	19.293	298	67.36	307	61.187	265	61.13	238
16	2	63.098	366	53.11	98	28.809	227	33.86	278	19.591	247	70.43	335	61.452	233	63.51	247
26	2	63.464	306	54.09	129	29.036	184	36.64	283	19.838	190	73.78	350	61.685	192	65.98	248
36	1	63.770		55.38		29.220		39.47		20.028		77.28		61.877		68.46	
Mittl. Ort		58.509		67.30		26.080		34.67		16.934		75.01		58.671		62.42	
sec δ, tg δ		1.614		+1.267		1.095		−0.447		1.470		−1.077		1.038		−0.279	

Welt-Zeit		310) Br 1147 AR.		Dekl.		312) β Cancri AR.		Dekl.		314) 31 Lyncis AR.		Dekl.		315) ε Argus AR.		Dekl.	
1927		$8^h\ 10^m$		$+75°\ 58'$		$8^h\ 12^m$		$+9°\ 24'$		$8^h\ 17^m$		$+43°\ 25'$		$8^h\ 20^m$		$-59°\ 16'$	
	h	s		″		s		″		s		″		s		″	
Jan. 1	1	27.37	56	50.50	254	33.654	182	41.51	109	50.967	249	20.40	92	63.166	176	16.91	369
11	1	27.93	38	53.04	279	33.836	135	40.42	91	51.216	187	21.32	117	63.342	90	20.60	373
21	0	28.31	19	55.83	292	33.971	84	39.51	71	51.403	119	22.49	136	63.432	3	24.33	367
30	23	28.50	0	58.75	294	34.055	33	38.80	52	51.522	51	23.85	150	63.435	81	28.00	351
Feb. 9	23	28.50	18	61.69	284	34.088	17	38.28	33	51.573	16	25.35	156	63.354	160	31.51	326
19	22	28.32	35	64.53	264	34.071	62	37.95	15	51.557	78	26.91	156	63.194	232	34.77	295
März 1	22	27.97	50	67.17	233	34.009	99	37.80	0	51.479	131	28.47	147	62.962	292	37.72	257
11	21	27.47	62	69.50	193	33.910	128	37.80	13	51.348	172	29.94	132	62.670	341	40.29	210
21	20	26.85	71	71.43	147	33.782	148	37.93	23	51.176	202	31.26	112	62.329	376	42.39	165
31	20	26.14	76	72.90	96	33.634	158	38.16	32	50.974	218	32.38	87	61.953	398	44.04	114
Apr. 10	19	25.38	78	73.86	41	33.476	158	38.48	39	50.756	221	33.25	59	61.555	407	45.18	63
20	18	24.60	75	74.27	12	33.318	150	38.87	44	50.535	213	33.84	31	61.148	404	45.81	10
30	18	23.85	71	74.15	65	33.168	134	39.31	48	50.322	195	34.15	2	60.744	390	45.91	42
Mai 10	17	23.14	64	73.50	115	33.034	112	39.79	52	50.127	166	34.17	27	60.354	364	45.49	92
20	16	22.50	53	72.35	160	32.922	86	40.31	55	49.961	131	33.90	53	59.990	331	44.57	141
30	16	21.97	42	70.75	199	32.836	57	40.86	57	49.830	92	33.37	76	59.659	288	43.16	187
Juni 9	15	21.55	29	68.76	231	32.779	25	41.43	59	49.738	48	32.61	98	59.371	239	41.29	226
19	14	21.26	15	66.45	258	32.754	7	42.02	59	49.690	4	31.63	115	59.132	185	39.03	261
29	14	21.11	1	63.87	277	32.761	40	42.61	57	49.686	41	30.48	130	58.947	124	36.42	288
Juli 9	13	21.10	13	61.10	289	32.801	71	43.18	54	49.727	86	29.18	142	58.823	61	33.54	307
19	12	21.23	27	58.21	295	32.872	102	43.72	49	49.813	128	27.76	150	58.762	5	30.47	318
29	12	21.50	41	55.26	294	32.974	131	44.21	40	49.941	169	26.26	157	58.767	73	27.29	318
Aug. 8	11	21.91	54	52.32	287	33.105	159	44.61	29	50.110	208	24.69	161	58.840	140	24.11	308
18	10	22.45	66	49.45	273	33.264	185	44.90	15	50.318	245	23.08	162	58.980	206	21.03	287
28	10	23.11	77	46.72	255	33.449	210	45.05	1	50.563	279	21.46	160	59.186	270	18.16	257
Sept. 7	9	23.88	87	44.17	230	33.659	234	45.04	21	50.842	312	19.86	158	59.456	329	15.59	216
17	8	24.75	95	41.87	201	33.893	257	44.83	42	51.154	341	18.28	152	59.785	381	13.43	167
27	8	25.70	102	39.86	167	34.150	276	44.41	63	51.495	367	16.76	143	60.166	425	11.76	110
Okt. 7	7	26.72	108	38.19	129	34.426	294	43.78	84	51.862	390	15.33	132	60.591	460	10.66	48
17	6	27.80	112	36.90	87	34.720	308	42.94	104	52.252	408	14.01	116	61.051	481	10.18	18
27	6	28.92	113	36.03	41	35.028	317	41.90	121	52.660	419	12.85	97	61.532	489	10.36	83
Nov. 6	5	30.05	112	35.62	7	35.345	320	40.69	133	53.079	424	11.88	75	62.021	483	11.19	148
16	4	31.17	109	35.69	56	35.665	315	39.36	142	53.503	419	11.13	48	62.504	459	12.67	208
26	4	32.26	102	36.25	106	35.980	303	37.94	144	53.922	403	10.65	20	62.963	422	14.75	261
Dez. 6	3	33.28	94	37.31	153	36.283	281	36.50	141	54.325	376	10.45	11	63.385	369	17.36	305
16	2	34.22	81	38.84	196	36.564	252	35.09	133	54.701	338	10.56	42	63.754	304	20.41	339
26	2	35.03	67	40.80	234	36.816	214	33.76	120	55.039	289	10.98	73	64.058	228	23.80	362
36	1	35.70		43.14		37.030		32.56		55.328		11.71		64.286		27.42	
Mittl. Ort		24.98		56.52		33.493		41.89		50.705		24.97		61.092		26.59	
sec δ, tg δ		4.129		+4.006		1.014		+0.166		1.377		+0.946		1.957		−1.683	

Welt-Zeit		316) Br 1197				318) ϑ Chamael.				317) o Ursae maj.				320) Grb 1450			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927		$8^h\ 22^m$		$-3°\ 39'$		$8^h\ 22^m$		$-77°\ 14'$		$8^h\ 24^m$		$+60°\ 57'$		$8^h\ 28^m$		$+38°\ 15'$	
	h	s		″		s		″		s		″		s		″	
Jan. 1	2	1.060	180	60.19	186	57.83	25	47.19	364	13.61	35	43.74	180	10.778	246	60.72	55
11	1	1.240	133	62.05	171	58.08	6	50.83	374	13.96	25	45.54	208	11.024	188	61.27	82
21	0	1.373	84	63.76	153	58.14	—13	54.57	374	14.21	16	47.62	227	11.212	126	62.09	103
31	0	1.457	33	65.29	132	58.01	31	58.31	362	14.37	6	49.89	238	11.338	62	63.12	120
Feb. 9	23	1.490	—16	66.61	109	57.70	49	61.93	341	14.43	—3	52.27	238	11.400	0	64.32	131
19	22	1.474	59	67.70	85	57.21	63	65.34	313	14.40	12	54.65	228	11.400	59	65.63	135
März 1	22	1.415	97	68.55	61	56.58	77	68.47	278	14.28	21	56.93	209	11.341	109	66.98	131
11	21	1.318	126	69.16	38	55.81	87	71.25	237	14.07	27	59.02	182	11.232	149	68.29	122
21	20	1.192	146	69.54	17	54.94	95	73.62	192	13.80	31	60.84	148	11.083	178	69.51	107
31	20	1.046	157	69.71	—4	53.99	101	75.54	142	13.49	35	62.32	108	10.905	195	70.58	89
Apr. 10	19	0.889	158	69.67	23	52.98	104	76.96	91	13.14	35	63.40	66	10.710	200	71.47	66
20	18	0.731	153	69.44	42	51.94	104	77.87	38	12.79	35	64.06	21	10.510	194	72.13	42
30	18	0.578	139	69.02	58	50.90	103	78.25	—16	12.44	32	64.27	—22	10.316	178	72.55	17
Mai 10	17	0.439	119	68.44	74	49.87	98	78.09	68	12.12	29	64.05	64	10.138	154	72.72	—7
20	16	0.320	95	67.70	88	48.89	92	77.41	120	11.83	24	63.41	104	9.984	123	72.65	30
30	16	0.225	69	66.82	101	47.97	83	76.21	168	11.59	19	62.37	139	9.861	88	72.35	51
Juni 9	15	0.156	39	65.81	110	47.14	72	74.53	211	11.40	12	60.98	169	9.773	50	71.84	71
19	14	0.117	8	64.71	118	46.42	59	72.42	250	11.28	5	59.29	195	9.723	10	71.13	88
29	14	0.109	—22	63.53	123	45.83	46	69.92	282	11.23	—1	57.34	215	9.713	—30	70.25	102
Juli 9	13	0.131	53	62.30	123	45.37	31	67.10	305	11.24	8	55.19	230	9.743	71	69.23	115
19	13	0.184	83	61.07	120	45.06	15	64.05	320	11.32	15	52.89	240	9.814	109	68.08	124
29	12	0.267	112	59.87	112	44.91	—2	60.85	325	11.47	21	50.49	244	9.923	147	66.84	133
Aug. 8	11	0.379	140	58.75	99	44.93	20	57.60	319	11.68	27	48.05	245	10.070	182	65.51	140
18	11	0.519	168	57.76	82	45.13	36	54.41	303	11.95	33	45.60	240	10.252	217	64.11	144
28	10	0.687	194	56.94	59	45.49	51	51.38	276	12.28	39	43.20	230	10.469	249	62.67	147
Sept. 7	9	0.881	219	56.35	33	46.00	66	48.62	239	12.67	44	40.90	217	10.718	281	61.20	148
17	9	1.100	243	56.02	3	46.66	78	46.23	192	13.11	48	38.73	199	10.999	309	59.72	147
27	8	1.343	264	55.99	—30	47.44	89	44.31	137	13.59	52	36.74	177	11.308	335	58.25	144
Okt. 7	7	1.607	283	56.29	63	48.33	97	42.94	75	14.11	56	34.97	150	11.643	358	56.81	138
17	7	1.890	299	56.92	95	49.30	101	42.19	10	14.67	58	33.47	119	12.001	378	55.43	127
27	6	2.189	309	57.87	125	50.31	101	42.09	—56	15.25	60	32.28	84	12.379	391	54.16	114
Nov. 6	5	2.498	312	59.12	152	51.32	99	42.65	122	15.85	60	31.44	47	12.770	397	53.02	97
16	5	2.810	309	60.64	173	52.31	92	43.87	184	16.45	59	30.97	5	13.167	395	52.05	75
26	4	3.119	297	62.37	189	53.23	82	45.71	240	17.04	57	30.92	—37	13.562	383	51.30	50
Dez. 6	3	3.416	277	64.26	197	54.05	69	48.11	288	17.61	53	31.29	79	13.945	360	50.80	23
16	3	3.693	247	66.23	199	54.74	54	50.99	327	18.14	47	32.08	120	14.305	326	50.57	—7
26	2	3.940	210	68.22	193	55.28	36	54.26	354	18.61	40	33.28	158	14.631	282	50.64	36
36	1	4.150		70.15		55.64		57.80		19.01		34.86		14.913		51.00	
Mittl. Ort		0.839		62.02		51.49		58.51		12.90		49.90		10.604		64.99	
sec δ, tg δ		1.002		−0.064		4.531		−4.419		2.060		+1.801		1.274		+0.789	

Welt-Zeit		321) η Cancri AR.		321) η Cancri Dekl.		326) δ Cancri AR.		326) δ Cancri Dekl.		327) α Pyxidis AR.		327) α Pyxidis Dekl.		328) ι Cancri AR.		328) ι Cancri Dekl.	
1927	h	$8^h 28^m$		+20° 41′		$8^h 40^m$		+18° 25′		$8^h 40^m$		−32° 55′		$8^h 42^m$		+29° 1′	
		s		″		s		″		s		″		s		″	
Jan. 1	2	29.538	212	23.06	49	32.444	220	23.57	68	40.110	189	12.96	315	17.136	239	37.72	6
11	1	29.750	162	22.57	26	32.664	171	22.89	46	40.299	136	16.11	314	17.375	187	37.66	19
21	0	29.912	109	22.31	5	32.835	119	22.43	24	40.435	79	19.25	303	17.562	132	37.85	43
31	0	30.021	54	22.26	15	32.954	66	22.19	2	40.514	22	22.28	286	17.694	74	38.28	64
Feb. 9	23	30.075	2	22.41	31	33.020	13	22.17	17	40.536	32	25.14	260	17.768	17	38.92	80
19	22	30.077	47	22.72	45	33.033	35	22.34	32	40.504	81	27.74	231	17.785	36	39.72	90
März 1	22	30.030	90	23.17	53	32.998	78	22.66	44	40.423	124	30.05	197	17.749	83	40.62	96
11	21	29.940	122	23.70	59	32.920	112	23.10	51	40.299	159	32.02	160	17.666	121	41.58	96
21	20	29.818	146	24.29	60	32.808	137	23.61	56	40.140	184	33.62	120	17.545	148	42.54	90
31	20	29.672	159	24.89	57	32.671	152	24.17	56	39.956	200	34.82	80	17.397	165	43.44	81
Apr. 10	19	29.513	163	25.46	53	32.519	158	24.73	54	39.756	207	35.62	39	17.232	172	44.25	68
20	19	29.350	157	25.99	47	32.361	153	25.27	50	39.549	205	36.01	2	17.060	169	44.93	54
30	18	29.193	143	26.46	40	32.208	142	25.77	45	39.344	195	35.99	43	16.891	157	45.47	37
Mai 10	17	29.050	123	26.86	31	32.066	124	26.22	39	39.149	179	35.56	82	16.734	138	45.84	21
20	17	28.927	97	27.17	24	31.942	100	26.61	32	38.970	157	34.74	120	16.596	112	46.05	5
30	16	28.830	67	27.41	16	31.842	74	26.93	25	38.813	131	33.54	153	16.484	83	46.10	11
Juni 9	15	28.763	36	27.57	8	31.768	43	27.18	19	38.682	102	32.01	183	16.401	50	45.99	26
19	15	28.727	3	27.65	1	31.725	13	27.37	12	38.580	70	30.18	209	16.351	17	45.73	39
29	14	28.724	30	27.66	6	31.712	19	27.49	4	38.510	36	28.09	229	16.334	18	45.34	52
Juli 9	13	28.754	63	27.60	14	31.731	50	27.53	4	38.474	0	25.80	242	16.352	52	44.82	63
19	13	28.817	95	27.46	22	31.781	81	27.49	12	38.474	36	23.38	248	16.404	87	44.19	74
29	12	28.912	125	27.24	32	31.862	111	27.37	22	38.510	73	20.90	246	16.491	119	43.45	85
Aug. 8	11	29.037	155	26.92	41	31.973	141	27.15	33	38.583	109	18.44	236	16.610	151	42.60	94
18	11	29.192	184	26.51	52	32.114	169	26.82	45	38.692	146	16.08	217	16.761	182	41.66	103
28	10	29.376	211	25.99	63	32.283	197	26.37	58	38.838	183	13.91	189	16.943	212	40.63	112
Sept. 7	9	29.587	237	25.36	76	32.480	224	25.79	73	39.021	217	12.02	154	17.155	241	39.51	121
17	9	29.824	261	24.60	89	32.704	249	25.06	87	39.238	250	10.48	112	17.396	269	38.30	128
27	8	30.085	285	23.71	101	32.953	274	24.19	102	39.488	280	9.36	64	17.665	295	37.02	133
Okt. 7	7	30.370	305	22.70	111	33.227	296	23.17	115	39.768	306	8.72	10	17.960	319	35.69	136
17	7	30.675	323	21.59	120	33.523	315	22.02	126	40.074	325	8.62	44	18.279	338	34.33	136
27	6	30.998	334	20.39	125	33.838	328	20.76	133	40.399	339	9.06	99	18.617	354	32.97	133
Nov. 6	5	31.332	340	19.14	125	34.166	337	19.43	137	40.738	343	10.05	152	18.971	363	31.64	125
16	5	31.672	339	17.89	122	34.503	338	18.06	136	41.081	339	11.57	199	19.334	364	30.39	112
26	4	32.011	329	16.67	114	34.841	330	16.70	129	41.420	325	13.56	241	19.698	356	29.27	96
Dez. 6	3	32.340	310	15.53	100	35.171	312	15.41	118	41.745	300	15.97	274	20.054	337	28.31	74
16	3	32.650	280	14.53	83	35.483	285	14.23	102	42.045	265	18.71	298	20.391	309	27.57	51
26	2	32.930	242	13.70	64	35.768	249	13.21	83	42.310	222	21.69	312	20.700	271	27.06	25
36	1	33.172		13.06		36.017		12.38		42.532		24.81		20.971		26.81	
Mittl. Ort		29.440		24.97		32.379		25.10		39.486		20.69		17.061		40.97	
sec δ, tg δ		1.069		+0.378		1.054		+0.333		1.191		−0.647		1.144		+0.555	

Welt-Zeit		330) δ Argus				334) ζ Hydrae				336) c Carinae				335) ι Ursae maj.			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927	h	8h 42m		−54° 26′		8h 51m		+6° 13′		8h 53m		−60° 21′		8h 54m		+48° 19′	
		s		″		s		″		s		″		s		″	
Jan. 1	2	42.820	207	15.09	362	32.273	215	28.43	141	25.64	24	41.39	363	13.360	311	39.64	93
11	1	43.027	134	18.71	368	32.488	169	27.02	123	25.88	15	45.02	375	13.671	246	40.57	125
21	1	43.161	56	22.39	366	32.657	120	25.79	102	26.03	7	48.77	376	13.917	177	41.82	153
31	0	43.217	20	26.05	353	32.777	69	24.77	80	26.10	2	52.53	367	14.094	103	43.35	172
Feb. 9	23	43.197	92	29.58	332	32.846	19	23.97	58	26.08	10	56.20	349	14.197	29	45.07	185
19	23	43.105	159	32.90	302	32.865	27	23.39	37	25.98	18	59.69	323	14.226	41	46.92	188
März 1	22	42.946	216	35.92	267	32.838	68	23.02	17	25.80	25	62.92	289	14.185	104	48.80	184
11	21	42.730	263	38.59	226	32.770	102	22.85	0	25.55	31	65.81	251	14.081	155	50.64	170
21	21	42.467	299	40.85	182	32.668	127	22.85	14	25.24	35	68.32	206	13.926	196	52.34	150
31	20	42.168	323	42.67	133	32.541	141	22.99	27	24.89	38	70.38	159	13.730	223	53.84	125
Apr. 10	19	41.845	335	44.00	84	32.400	148	23.26	36	24.51	40	71.97	109	13.507	236	55.09	94
20	19	41.510	337	44.84	33	32.252	146	23.62	45	24.11	41	73.06	57	13.271	237	56.03	60
30	18	41.173	329	45.17	17	32.106	137	24.07	52	23.70	40	73.63	5	13.034	226	56.63	26
Mai 10	18	40.844	312	45.00	68	31.969	122	24.59	58	23.30	38	73.68	48	12.808	205	56.89	8
20	17	40.532	285	44.32	116	31.847	101	25.17	62	22.92	36	73.20	98	12.603	175	56.81	42
30	16	40.247	253	43.16	162	31.746	78	25.79	65	22.56	33	72.22	146	12.428	140	56.39	73
Juni 9	16	39.994	213	41.54	202	31.668	51	26.44	67	22.23	28	70.76	190	12.288	99	55.66	102
19	15	39.781	170	39.52	238	31.617	23	27.11	67	21.95	24	68.86	230	12.189	56	54.64	127
29	14	39.611	120	37.14	268	31.594	5	27.78	67	21.71	18	66.56	262	12.133	10	53.37	149
Juli 9	14	39.491	68	34.46	289	31.599	33	28.45	63	21.53	12	63.94	288	12.123	36	51.88	168
19	13	39.423	14	31.57	303	31.632	63	29.08	57	21.41	6	61.06	306	12.159	81	50.20	183
29	12	39.409	45	28.54	306	31.695	91	29.65	47	21.35	1	58.00	313	12.240	126	48.37	195
Aug. 8	12	39.454	102	25.48	300	31.786	120	30.12	36	21.36	9	54.87	310	12.366	170	46.42	203
18	11	39.556	160	22.48	284	31.906	147	30.48	21	21.45	15	51.77	298	12.536	213	44.39	208
28	10	39.716	218	19.64	257	32.053	174	30.69	3	21.60	22	48.79	274	12.749	253	42.31	209
Sept. 7	10	39.934	271	17.07	220	32.227	202	30.72	19	21.82	29	46.05	240	13.002	292	40.22	207
17	9	40.205	322	14.87	174	32.429	228	30.53	41	22.11	35	43.65	196	13.294	330	38.15	202
27	8	40.527	366	13.13	121	32.657	253	30.12	66	22.46	41	41.69	144	13.624	365	36.13	192
Okt. 7	8	40.893	402	11.92	61	32.910	276	29.46	90	22.87	45	40.25	85	13.989	397	34.21	179
17	7	41.295	429	11.31	2	33.186	296	28.56	114	23.32	48	39.40	21	14.386	423	32.42	161
27	6	41.724	443	11.33	67	33.482	311	27.42	134	23.80	51	39.19	45	14.809	444	30.81	138
Nov. 6	6	42.167	445	12.00	131	33.793	321	26.08	151	24.31	51	39.64	111	15.253	457	29.43	111
16	5	42.612	434	13.31	191	34.114	323	24.57	163	24.82	49	40.75	173	15.710	460	28.32	79
26	4	43.046	408	15.22	244	34.437	317	22.94	170	25.31	47	42.48	231	16.170	451	27.53	45
Dez. 6	4	43.454	368	17.66	291	34.754	301	21.24	169	25.78	43	44.79	280	16.621	430	27.08	7
16	3	43.822	315	20.57	327	35.055	276	19.55	164	26.21	36	47.59	321	17.051	396	27.01	31
26	2	44.137	253	23.84	352	35.331	243	17.91	152	26.57	29	50.80	351	17.447	349	27.32	69
36	2	44.390		27.36		35.574		16.39		26.86		54.31		17.796		28.01	
Mittl. Ort		41.288		26.21		32.206		27.63		23.70		54.20		13.144		45.76	
sec δ, tg δ		1.720		−1.399		1.006		+0.109		2.022		−1.758		1.504		+1.124	

Welt-Zeit		337) α Cancri AR.		337) α Cancri Dekl.		339) 10 Ursae maj. AR.		339) 10 Ursae maj. Dekl.		341) κ Ursae maj. AR.		341) κ Ursae maj. Dekl.		343) α Volantis AR.		343) α Volantis Dekl.	
1927	h	$8^h 54^m$ s	Diff.	+12° 8′ ″	Diff.	$8^h 55^m$ s	Diff.	+42° 4′ ″	Diff.	$8^h 58^m$ s	Diff.	+47° 26′ ″	Diff.	$9^h 1^m$ s	Diff.	−66° 6′ ″	Diff.
Jan. 1	2	29.868	223	28.32	110	54.669	287	16.85	58	39.235	312	40.77	85	20.46	28	2.13	362
11	2	30.091	178	27.22	89	54.956	229	17.43	89	39.547	251	41.62	118	20.74	18	5.75	377
21	1	30.269	128	26.33	66	55.185	166	18.32	117	39.798	181	42.80	147	20.92	8	9.52	382
31	0	30.397	76	25.67	44	55.351	99	19.49	138	39.979	109	44.27	167	21.00	3	13.34	377
Feb. 10	0	30.473	26	25.23	23	55.450	32	20.87	152	40.088	37	45.94	181	20.97	13	17.11	362
19	23	30.499	23	25.00	3	55.482	31	22.39	159	40.125	33	47.75	186	20.84	22	20.73	338
März 1	22	30.476	65	24.97	13	55.451	87	23.98	158	40.092	94	49.61	182	20.62	30	24.11	308
11	22	30.411	99	25.10	26	55.364	134	25.56	151	39.998	147	51.43	171	20.32	37	27.19	270
21	21	30.312	125	25.36	37	55.230	170	27.07	135	39.851	186	53.14	152	19.95	43	29.89	227
31	20	30.187	141	25.73	44	55.060	194	28.42	115	39.665	214	54.66	127	19.52	47	32.16	181
Apr. 10	20	30.046	149	26.17	48	54.866	206	29.57	90	39.451	229	55.93	98	19.05	49	33.97	131
20	19	29.897	147	26.65	50	54.660	207	30.47	63	39.222	230	56.91	65	18.56	51	35.28	79
30	18	29.750	138	27.15	51	54.453	196	31.10	35	38.992	221	57.56	32	18.05	51	36.07	26
Mai 10	18	29.612	123	27.66	51	54.257	177	31.45	5	38.771	200	57.88	2	17.54	49	36.33	28
20	17	29.489	102	28.17	50	54.080	150	31.50	24	38.571	173	57.86	36	17.05	47	36.05	81
30	16	29.387	79	28.67	48	53.930	119	31.26	51	38.398	138	57.50	66	16.58	43	35.24	130
Juni 9	16	29.308	52	29.15	44	53.811	83	30.75	76	38.260	100	56.84	95	16.15	38	33.94	177
19	15	29.256	24	29.59	41	53.728	44	29.99	98	38.160	57	55.89	121	15.77	33	32.17	219
29	14	29.232	6	30.00	36	53.684	4	29.01	118	38.103	13	54.68	144	15.44	26	29.98	255
Juli 9	14	29.238	35	30.36	31	53.680	36	27.83	136	38.090	31	53.24	163	15.18	19	27.43	284
19	13	29.273	64	30.67	22	53.716	77	26.47	150	38.121	76	51.61	178	14.99	11	24.59	305
29	12	29.337	93	30.89	12	53.793	116	24.97	162	38.197	120	49.83	191	14.88	3	21.54	315
Aug. 8	12	29.430	121	31.01	0	53.909	154	23.35	172	38.317	162	47.92	200	14.85	6	18.39	317
18	11	29.551	149	31.01	14	54.063	192	21.63	179	38.479	204	45.92	205	14.91	15	15.22	307
28	10	29.700	177	30.87	30	54.255	228	19.84	183	38.683	245	43.87	208	15.06	24	12.15	286
Sept. 7	10	29.877	205	30.57	48	54.483	264	18.01	185	38.928	284	41.79	207	15.30	32	9.29	254
17	9	30.082	231	30.09	68	54.747	298	16.16	184	39.212	321	39.72	203	15.62	40	6.75	213
27	9	30.313	257	29.41	88	55.045	329	14.32	179	39.533	356	37.69	195	16.02	47	4.62	162
Okt. 7	8	30.570	281	28.53	106	55.374	359	12.53	172	39.889	388	35.74	182	16.49	53	3.00	104
17	7	30.851	301	27.47	124	55.733	383	10.81	160	40.277	416	33.92	165	17.02	57	1.96	41
27	7	31.152	317	26.23	139	56.116	404	9.21	143	40.693	437	32.27	143	17.59	60	1.55	26
Nov. 6	6	31.469	327	24.84	150	56.520	416	7.78	122	41.130	450	30.84	117	18.19	60	1.81	93
16	5	31.796	330	23.34	155	56.936	419	6.56	96	41.580	455	29.67	87	18.79	59	2.74	157
26	5	32.126	325	21.79	155	57.355	413	5.60	67	42.035	448	28.80	52	19.38	55	4.31	217
Dez. 6	4	32.451	310	20.24	149	57.768	394	4.93	34	42.483	428	28.28	15	19.93	50	6.48	269
16	3	32.761	286	18.75	139	58.162	364	4.59	0	42.911	395	28.13	23	20.43	43	9.17	314
26	3	33.047	252	17.36	123	58.526	322	4.59	36	43.306	352	28.36	61	20.86	34	12.31	348
36	2	33.299		16.13		58.848		4.95		43.658		28.97		21.20		15.79	
Mittl. Ort		29.833		28.63		54.548		22.22		39.051		46.91		17.91		16.31	
sec δ, tg δ		1.023		+0.215		1.347		+0.903		1.479		+1.089		2.469		−2.257	

Welt-Zeit		344) σ² Ursae maj. AR.	Δ	Dekl.	Δ	345) λ Argus AR.	Δ	Dekl.	Δ
1927	h	9h 3m		+67° 25′		9h 5m		−43° 8′	
Jan. 1	2	60.55	50	48.80	178	19.340	224	2.62	338
11	2	61.05	40	50.58	211	19.564	166	6.00	345
21	1	61.45	28	52.69	241	19.730	103	9.45	343
31	0	61.73	16	55.10	261	19.833	41	12.88	331
Feb. 10	0	61.89	4	57.71	269	19.874	21	16.19	311
19	23	61.93	8	60.40	266	19.853	78	19.30	284
März 1	22	61.85	19	63.06	252	19.775	127	22.14	251
11	22	61.66	28	65.58	228	19.648	169	24.65	215
21	21	61.38	35	67.86	195	19.479	202	26.80	174
31	20	61.03	41	69.81	156	19.277	224	28.54	131
Apr. 10	20	60.62	44	71.37	111	19.053	238	29.85	86
20	19	60.18	45	72.48	63	18.815	242	30.71	40
30	18	59.73	44	73.11	13	18.573	238	31.11	6
Mai 10	18	59.29	42	73.24	36	18.335	226	31.05	52
20	17	58.87	37	72.88	82	18.109	208	30.53	95
30	16	58.50	32	72.06	126	17.901	185	29.58	136
Juni 9	16	58.18	25	70.80	166	17.716	156	28.22	174
19	15	57.93	17	69.14	201	17.560	125	26.48	207
29	15	57.76	10	67.13	229	17.435	89	24.41	235
Juli 9	14	57.66	1	64.84	253	17.346	50	22.06	256
19	13	57.65	6	62.31	271	17.296	11	19.50	269
29	13	57.71	15	59.60	283	17.285	32	16.81	273
Aug. 8	12	57.86	23	56.77	289	17.317	76	14.08	270
18	11	58.09	31	53.88	289	17.393	121	11.38	255
28	11	58.40	38	50.99	284	17.514	165	8.83	232
Sept. 7	10	58.78	46	48.15	273	17.679	209	6.51	200
17	9	59.24	52	45.42	256	17.888	252	4.51	158
27	9	59.76	58	42.86	235	18.140	291	2.93	109
Okt. 7	8	60.34	64	40.51	207	18.431	324	1.84	55
17	7	60.98	68	38.44	175	18.755	352	1.29	4
27	7	61.66	71	36.69	136	19.107	372	1.33	63
Nov. 6	6	62.37	74	35.33	94	19.479	381	1.96	123
16	5	63.11	74	34.39	47	19.860	380	3.19	179
26	5	63.85	72	33.92	2	20.240	368	4.98	230
Dez. 6	4	64.57	69	33.94	52	20.608	342	7.28	272
16	3	65.26	63	34.46	101	20.950	306	10.00	306
26	3	65.89	56	35.47	148	21.256	257	13.06	330
36	2	66.45		36.95		21.513		16.36	
Mittl. Ort		59.68		56.99		18.526		13.85	
sec δ, tg δ		2.606		+2.406		1.370		−0.937	

Welt-Zeit		347) ϑ Hydrae AR.	Δ	Dekl.	Δ	348) β Argus AR.	Δ	Dekl.	Δ
1927	h	9h 10m		+2° 37′		9h 12m		−69° 24′	
Jan. 1	2	34.096	228	25.11	167	27.34	33	43.28	355
11	2	34.324	184	23.44	151	27.67	22	46.83	374
21	1	34.508	136	21.93	130	27.89	11	50.57	384
31	0	34.644	87	20.63	108	28.00	1	54.41	381
Feb. 10	0	34.731	37	19.55	84	27.99	13	58.22	370
19	23	34.768	11	18.71	61	27.86	24	61.92	350
März 1	22	34.757	52	18.10	40	27.62	33	65.42	321
11	22	34.705	87	17.70	20	27.29	41	68.63	287
21	21	34.618	114	17.50	1	26.88	48	71.50	246
31	20	34.504	131	17.49	14	26.40	53	73.96	201
Apr. 10	20	34.373	141	17.63	28	25.87	57	75.97	151
20	19	34.232	142	17.91	40	25.30	59	77.48	100
30	18	34.090	136	18.31	50	24.71	59	78.48	47
Mai 10	18	33.954	124	18.81	58	24.12	58	78.95	7
20	17	33.830	106	19.39	65	23.54	56	78.88	60
30	16	33.724	86	20.04	72	22.98	53	78.28	112
Juni 9	16	33.638	63	20.76	76	22.45	47	77.16	160
19	15	33.575	38	21.52	78	21.98	41	75.56	205
29	15	33.537	11	22.30	79	21.57	34	73.51	244
Juli 9	14	33.526	16	23.09	76	21.23	26	71.07	275
19	13	33.542	43	23.85	72	20.97	17	68.32	299
29	13	33.585	71	24.57	63	20.80	8	65.33	314
Aug. 8	12	33.656	99	25.20	51	20.72	3	62.19	319
18	11	33.755	127	25.71	36	20.75	13	59.00	312
28	11	33.882	156	26.07	16	20.88	23	55.88	295
Sept. 7	10	34.038	184	26.23	6	21.11	34	52.93	266
17	9	34.222	212	26.17	31	21.45	43	50.27	228
27	9	34.434	239	25.86	58	21.88	51	47.99	179
Okt. 7	8	34.673	265	25.28	85	22.39	58	46.20	123
17	7	34.938	288	24.43	112	22.97	64	44.97	61
27	7	35.226	306	23.31	136	23.61	67	44.36	6
Nov. 6	6	35.532	318	21.95	157	24.28	68	44.42	72
16	5	35.850	324	20.38	174	24.96	67	45.14	138
26	5	36.174	321	18.64	184	25.63	63	46.52	200
Dez. 6	4	36.495	308	16.80	188	26.26	58	48.52	255
16	3	36.803	286	14.92	186	26.84	50	51.07	301
26	3	37.089	254	13.06	177	27.34	40	54.08	339
36	2	37.343		11.29		27.74		57.47	
Mittl. Ort		34.076		23.19		24.36		58.80	
sec δ, tg δ		1.001		+0.046		2.844		−2.663	

Welt-Zeit		350) 83 Cancri AR.		350) 83 Cancri Dekl.		352) 40 Lyncis AR.		352) 40 Lyncis Dekl.		353) κ Argus AR.		353) κ Argus Dekl.		354) α Hydrae AR.		354) α Hydrae Dekl.	
1927	h	9h 14m s		+18° 0′ ″		9h 16m s		+34° 41′ ″		9h 19m s		−54° 41′ ″		9h 23m s		−8° 20′ ″	
Jan. 1	3	54.575	248	55.20	87	36.799	284	63.30	3	52.358	268	39.96	350	60.096	232	24.17	221
11	2	54.823	203	54.33	62	37.083	234	63.33	36	52.626	198	43.46	365	60.328	189	26.38	211
21	1	55.026	154	53.71	37	37.317	178	63.69	65	52.824	123	47.11	370	60.517	142	28.49	195
31	1	55.180	101	53.34	13	37.495	117	64.34	91	52.947	46	50.81	365	60.659	92	30.44	175
Feb. 10	0	55.281	48	53.21	11	37.612	57	65.25	111	52.993	28	54.46	350	60.751	43	32.19	152
19	23	55.329	2	53.32	29	37.669	2	66.36	125	52.965	97	57.96	328	60.794	5	33.71	127
März 1	23	55.327	47	53.61	45	37.667	54	67.61	131	52.868	159	61.24	298	60.789	46	34.98	101
11	22	55.280	85	54.06	55	37.613	98	68.92	132	52.709	212	64.22	262	60.743	81	35.99	76
21	21	55.195	114	54.61	63	37.515	134	70.24	125	52.497	255	66.84	222	60.662	109	36.75	50
31	21	55.081	134	55.24	65	37.381	159	71.49	114	52.242	288	69.06	178	60.553	129	37.25	26
Apr. 10	20	54.947	145	55.89	64	37.222	172	72.63	97	51.954	308	70.84	130	60.424	140	37.51	3
20	19	54.802	148	56.53	62	37.050	177	73.60	78	51.646	320	72.14	81	60.284	143	37.54	19
30	19	54.654	141	57.15	56	36.873	171	74.38	56	51.326	321	72.95	31	60.141	140	37.35	39
Mai 10	18	54.513	130	57.71	49	36.702	157	74.94	32	51.005	313	73.26	20	60.001	131	36.96	58
20	17	54.383	111	58.20	41	36.545	138	75.26	8	50.692	297	73.06	69	59.870	116	36.38	75
30	17	54.272	90	58.61	33	36.407	112	75.34	14	50.395	274	72.37	117	59.754	98	35.63	90
Juni 9	16	54.182	65	58.94	24	36.295	84	75.20	36	50.121	243	71.20	161	59.656	78	34.73	104
19	15	54.117	39	59.18	15	36.211	52	74.84	58	49.878	207	69.59	201	59.578	54	33.69	115
29	15	54.078	10	59.33	6	36.159	18	74.26	76	49.671	166	67.58	236	59.524	30	32.54	122
Juli 9	14	54.068	18	59.39	5	36.141	15	73.50	94	49.505	119	65.22	264	59.494	3	31.32	126
19	13	54.086	47	59.34	16	36.156	50	72.56	110	49.386	68	62.58	285	59.491	23	30.06	126
29	13	54.133	76	59.18	28	36.206	84	71.46	125	49.318	13	59.73	295	59.514	51	28.80	121
Aug. 8	12	54.209	105	58.90	40	36.290	119	70.21	138	49.305	44	56.78	297	59.565	79	27.59	111
18	11	54.314	134	58.50	55	36.409	152	68.83	149	49.349	103	53.81	289	59.644	108	26.48	96
28	11	54.448	164	57.95	69	36.561	186	67.34	159	49.452	163	50.92	269	59.752	138	25.52	76
Sept. 7	10	54.612	193	57.26	86	36.747	219	65.75	167	49.615	222	48.23	241	59.890	169	24.76	50
17	9	54.805	222	56.40	102	36.966	252	64.08	173	49.837	279	45.82	201	60.059	198	24.26	20
27	9	55.027	250	55.38	118	37.218	284	62.35	176	50.116	332	43.81	153	60.257	228	24.06	13
Okt. 7	8	55.277	276	54.20	133	37.502	315	60.59	176	50.448	377	42.28	98	60.485	256	24.19	49
17	7	55.553	301	52.87	144	37.817	341	58.83	172	50.825	415	41.30	37	60.741	281	24.68	84
27	7	55.854	321	51.43	154	38.158	363	57.11	164	51.240	441	40.93	26	61.022	302	25.52	120
Nov. 6	6	56.175	335	49.89	157	38.521	379	55.47	151	51.681	455	41.19	90	61.324	315	26.72	151
16	6	56.510	342	48.32	158	38.900	387	53.96	133	52.136	455	42.09	153	61.639	323	28.23	180
26	5	56.852	340	46.74	152	39.287	386	52.63	109	52.591	440	43.62	210	61.962	321	30.03	202
Dez. 6	4	57.192	328	45.22	140	39.673	373	51.54	82	53.031	410	45.72	262	62.283	309	32.05	218
16	4	57.520	307	43.82	124	40.046	350	50.72	52	53.441	366	48.34	304	62.592	288	34.23	225
26	3	57.827	276	42.58	103	40.396	314	50.20	19	53.807	310	51.38	336	62.880	258	36.48	227
36	2	58.103		41.55		40.710		50.01		54.117		54.74		63.138		38.75	
Mittl. Ort		54.621		56.57		36.816		67.91		51.090		54.22		60.048		29.00	
sec δ, tg δ		1.052		+0.325		1.216		+0.692		1.730		−1.412		1.011		−0.147	

Welt-Zeit		355) *h* Ursae maj. AR.		355) Dekl.		359) ψ Argus AR.		359) Dekl.		358) ϑ Ursae maj. AR.		358) Dekl.		357) *d* Ursae maj. AR.		357) Dekl.	
1927	h	$9^h\ 25^m$		+63° 22′		$9^h\ 27^m$		−40° 8′		$9^h\ 27^m$		+52° 0′		$9^h\ 28^m$		+70° 8′	
		s		″		s		″		s		″		s		″	
Jan. 1	3	48.16	47	47.47	137	49.947	246	34.89	326	59.303	368	32.06	82	4.50	60	59.94	163
11	2	48.63	39	48.84	179	50.193	193	38.15	335	59.671	306	32.88	121	5.10	49	61.57	205
21	1	49.02	30	50.63	213	50.386	135	41.50	335	59.977	234	34.09	155	5.59	37	63.62	240
31	1	49.32	19	52.76	238	50.521	75	44.85	326	60.211	158	35.64	183	5.96	24	66.02	265
Feb. 10	0	49.51	9	55.14	254	50.596	16	48.11	308	60.369	78	37.47	201	6.20	10	68.67	278
19	23	49.60	1	57.68	258	50.612	40	51.19	285	60.447	2	39.48	210	6.30	3	71.45	281
März 1	23	49.59	11	60.26	251	50.572	90	54.04	255	60.449	69	41.58	211	6.27	16	74.26	271
11	22	49.48	20	62.77	234	50.482	133	56.59	220	60.380	130	43.69	201	6.11	27	76.97	251
21	21	49.28	26	65.11	208	50.349	167	58.79	183	60.250	181	45.70	183	5.84	36	79.48	221
31	21	49.02	32	67.19	175	50.182	192	60.62	143	60.069	219	47.53	159	5.48	43	81.69	183
Apr. 10	20	48.70	35	68.94	135	49.990	208	62.05	100	59.850	242	49.12	127	5.05	48	83.52	139
20	20	48.35	37	70.29	91	49.782	217	63.05	57	59.608	254	50.39	93	4.57	51	84.91	90
30	19	47.98	37	71.20	44	49.565	216	63.62	13	59.354	251	51.32	55	4.06	51	85.81	39
Mai 10	18	47.61	35	71.64	3	49.349	209	63.75	31	59.103	238	51.87	16	3.55	49	86.20	12
20	18	47.26	33	71.61	49	49.140	196	63.44	73	58.865	215	52.03	22	3.06	46	86.08	62
30	17	46.93	28	71.12	93	48.944	178	62.71	113	58.650	185	51.81	60	2.60	40	85.46	110
Juni 9	16	46.65	23	70.19	134	48.766	155	61.58	150	58.465	149	51.21	94	2.20	34	84.36	154
19	16	46.42	17	68.85	171	48.611	128	60.08	184	58.316	109	50.27	127	1.86	27	82.82	193
29	15	46.25	11	67.14	203	48.483	98	58.24	212	58.207	64	49.00	156	1.59	18	80.89	227
Juli 9	14	46.14	5	65.11	230	48.385	64	56.12	234	58.143	18	47.44	181	1.41	9	78.62	256
19	14	46.09	3	62.81	252	48.321	28	53.78	250	58.125	29	45.63	202	1.32	1	76.06	278
29	13	46.12	9	60.29	269	48.293	10	51.28	257	58.154	76	43.61	219	1.31	9	73.28	295
Aug. 8	12	46.21	16	57.60	280	48.303	51	48.71	255	58.230	123	41.42	232	1.40	18	70.33	305
18	12	46.37	22	54.80	287	48.354	92	46.16	246	58.353	170	39.10	242	1.58	27	67.28	310
28	11	46.59	29	51.93	286	48.446	136	43.70	225	58.523	216	36.68	247	1.85	36	64.18	308
Sept. 7	10	46.88	35	49.07	281	48.582	180	41.45	197	58.739	263	34.21	248	2.21	44	61.10	301
17	10	47.23	41	46.26	271	48.762	222	39.48	159	59.002	307	31.73	243	2.65	52	58.09	286
27	9	47.64	47	43.55	254	48.984	262	37.89	114	59.309	349	29.30	236	3.17	60	55.23	266
Okt. 7	8	48.11	52	41.01	232	49.246	299	36.75	63	59.658	390	26.94	222	3.77	66	52.57	239
17	8	48.63	57	38.69	204	49.545	330	36.12	7	60.048	426	24.72	204	4.43	73	50.18	207
27	7	49.20	61	36.65	171	49.875	355	36.05	51	60.474	456	22.68	180	5.16	77	48.11	169
Nov. 6	6	49.81	63	34.94	132	50.230	369	36.56	108	60.930	478	20.88	150	5.93	81	46.42	126
16	6	50.44	65	33.62	88	50.599	375	37.64	163	61.408	489	19.38	115	6.74	82	45.16	77
26	5	51.09	64	32.74	41	50.974	368	39.27	213	61.897	489	18.23	77	7.56	82	44.39	26
Dez. 6	4	51.73	62	32.33	8	51.342	350	41.40	256	62.386	476	17.46	35	8.38	79	44.13	28
16	4	52.35	58	32.41	59	51.692	319	43.96	291	62.862	447	17.11	10	9.17	73	44.41	81
26	3	52.93	53	33.00	107	52.011	279	46.87	317	63.309	405	17.21	52	9.90	67	45.22	131
36	2	53.46		34.07		52.290		50.04		63.714		17.73		10.57		46.53	
Mittl. Ort		47.66		56.18		49.370		47.12		59.168		39.61		3.58		69.23	
sec δ, tg δ		2.232		+1.995		1.308		−0.844		1.625		+1.280		2.944		+2.770	

Welt-Zeit		360) 10 Leonis min. AR.		360) Dekl.		366) θ Antliae AR.		366) Dekl.	
1927	h	$9^h\ 29^m$ s		$+36°\ 43'$ ″		$9^h\ 40^m$ s		$-27°\ 25'$ ″	
Jan. 1	3	45.422	302	16.21	4	56.994	248	54.36	291
11	2	45.724	253	16.25	39	57.242	203	57.27	294
21	1	45.977	197	16.64	71	57.445	152	60.21	289
31	1	46.174	136	17.35	99	57.597	100	63.10	277
Feb. 10	0	46.310	74	18.34	121	57.697	46	65.87	258
19	23	46.384	14	19.55	136	57.743	4	68.45	234
März 1	23	46.398	41	20.91	145	57.739	49	70.79	206
11	22	46.357	88	22.36	145	57.690	88	72.85	175
21	21	46.269	126	23.81	139	57.602	120	74.60	141
31	21	46.143	154	25.20	126	57.482	143	76.01	107
Apr. 10	20	45.989	171	26.46	110	57.339	158	77.08	72
20	20	45.818	178	27.56	88	57.181	167	77.80	36
30	19	45.640	176	28.44	64	57.014	167	78.16	0
Mai 10	18	45.464	164	29.08	39	56.847	161	78.16	34
20	18	45.300	147	29.47	13	56.686	151	77.82	68
30	17	45.153	123	29.60	13	56.535	136	77.14	99
Juni 9	16	45.030	95	29.47	37	56.399	117	76.15	129
19	16	44.935	66	29.10	61	56.282	95	74.86	154
29	15	44.869	32	28.49	84	56.187	71	73.32	175
Juli 9	14	44.837	1	27.65	103	56.116	43	71.57	192
19	14	44.838	35	26.62	121	56.073	15	69.65	202
29	13	44.873	69	25.41	138	56.058	16	67.63	205
Aug. 8	12	44.942	105	24.03	153	56.074	48	65.58	202
18	12	45.047	140	22.50	165	56.122	83	63.56	191
28	11	45.187	175	20.85	175	56.205	119	61.65	173
Sept. 7	10	45.362	209	19.10	184	56.324	155	59.92	145
17	10	45.571	245	17.26	190	56.479	192	58.47	112
27	9	45.816	279	15.36	193	56.671	228	57.35	71
Okt. 7	8	46.095	311	13.43	192	56.899	262	56.64	26
17	8	46.406	341	11.51	187	57.161	292	56.38	22
27	7	46.747	366	9.64	177	57.453	316	56.60	72
Nov. 6	6	47.113	385	7.87	163	57.769	334	57.32	121
16	6	47.498	396	6.24	143	58.103	343	58.53	167
26	5	47.894	397	4.81	117	58.446	342	60.20	208
Dez. 6	4	48.291	387	3.64	88	58.788	330	62.28	242
16	4	48.678	365	2.76	55	59.118	308	64.70	269
26	3	49.043	332	2.21	19	59.426	276	67.39	286
36	2	49.375		2.02		59.702		70.25	
Mittl. Ort		45.479		21.39		56.783		64.53	
sec δ, tg δ		1.248		+0.746		1.127		−0.519	

Welt-Zeit		367) ε Leonis AR.		367) Dekl.		369) υ Argus AR.		369) Dekl.	
1927	h	$9^h\ 41^m$ s		$+24°\ 6'$ ″		$9^h\ 45^m$ s		$-64°\ 43'$ ″	
Jan. 1	3	42.552	280	37.43	70	18.52	37	41.10	339
11	2	42.832	237	36.73	39	18.89	28	44.49	365
21	1	43.069	188	36.34	10	19.17	19	48.14	379
31	1	43.257	134	36.24	19	19.36	9	51.93	383
Feb. 10	0	43.391	80	36.43	43	19.45	1	55.76	376
19	23	43.471	27	36.86	65	19.44	10	59.52	362
März 1	23	43.498	22	37.51	80	19.34	18	63.14	339
11	22	43.476	64	38.31	90	19.16	26	66.53	309
21	21	43.412	98	39.21	95	18.90	32	69.62	272
31	21	43.314	123	40.16	94	18.58	37	72.34	230
Apr. 10	20	43.191	139	41.10	89	18.21	41	74.64	185
20	20	43.052	147	41.99	81	17.80	43	76.49	136
30	19	42.905	145	42.80	69	17.37	45	77.85	85
Mai 10	18	42.760	138	43.49	55	16.92	45	78.70	32
20	18	42.622	124	44.04	41	16.47	44	79.02	21
30	17	42.498	106	44.45	26	16.03	43	78.81	74
Juni 9	16	42.392	83	44.71	10	15.60	39	78.07	123
19	16	42.309	60	44.81	6	15.21	35	76.84	169
29	15	42.249	33	44.75	22	14.86	30	75.15	212
Juli 9	14	42.216	6	44.53	36	14.56	25	73.03	248
19	14	42.210	23	44.17	52	14.31	18	70.55	276
29	13	42.233	52	43.65	68	14.13	11	67.79	296
Aug. 8	12	42.285	81	42.97	82	14.02	2	64.83	307
18	12	42.366	112	42.15	98	14.00	5	61.76	306
28	11	42.478	143	41.17	113	14.05	14	58.70	296
Sept. 7	10	42.621	174	40.04	128	14.19	22	55.74	274
17	10	42.795	206	38.76	142	14.41	31	53.00	242
27	9	43.001	238	37.34	154	14.72	38	50.58	198
Okt. 7	8	43.239	270	35.80	165	15.10	46	48.60	147
17	8	43.509	298	34.15	173	15.56	51	47.13	89
27	7	43.807	323	32.42	176	16.07	56	46.24	24
Nov. 6	6	44.130	342	30.66	175	16.63	58	46.00	41
16	6	44.472	355	28.91	168	17.21	59	46.41	107
26	5	44.827	358	27.23	157	17.80	57	47.48	170
Dez. 6	4	45.185	351	25.66	138	18.37	54	49.18	228
16	4	45.536	334	24.28	116	18.91	49	51.46	279
26	3	45.870	306	23.12	90	19.40	42	54.25	320
36	2	46.176		22.22		19.82		57.45	
Mittl. Ort		42.702		40.13		16.68		58.79	
sec δ, tg δ		1.096		+0.448		2.343		−2.119	

Welt-Zeit 1927	h	368) υ Ursae maj. AR. 9h 45m s		Dekl. +59° 22′ ″		370) 6 Sextantis AR. 9h 47m s		Dekl. −3° 53′ ″	
Jan. 1	3	49.122	453	50.17	99	33.274	252	57.64	206
11	2	49.575	383	51.16	144	33.526	213	59.70	193
21	2	49.958	302	52.60	182	33.739	167	61.63	176
31	1	50.260	213	54.42	212	33.906	119	63.39	155
Feb. 10	0	50.473	120	56.54	233	34.025	69	64.94	132
20	0	50.593	28	58.87	245	34.094	23	66.26	106
März 1	23	50.621	59	61.32	244	34.117	21	67.32	82
11	22	50.562	136	63.76	235	34.096	58	68.14	57
21	22	50.426	201	66.11	215	34.038	88	68.71	35
31	21	50.225	252	68.26	188	33.950	110	69.06	14
Apr. 10	20	49.973	288	70.14	152	33.840	125	69.20	5
20	20	49.685	308	71.66	113	33.715	132	69.15	23
30	19	49.377	313	72.79	70	33.583	131	68.92	39
Mai 10	19	49.064	305	73.49	25	33.452	126	68.53	54
20	18	48.759	284	73.74	19	33.326	116	67.99	66
30	17	48.475	254	73.55	63	33.210	101	67.33	77
Juni 9	17	48.221	215	72.92	104	33.109	83	66.56	86
19	16	48.006	170	71.88	143	33.026	63	65.70	93
29	15	47.836	120	70.45	176	32.963	42	64.77	97
Juli 9	15	47.716	66	68.69	206	32.921	18	63.80	99
19	14	47.650	11	66.63	232	32.903	6	62.81	97
29	13	47.639	46	64.31	252	32.909	32	61.84	91
Aug. 8	13	47.685	103	61.79	268	32.941	60	60.93	80
18	12	47.788	162	59.11	279	33.001	88	60.13	66
28	11	47.950	219	56.32	284	33.089	117	59.47	47
Sept. 7	11	48.169	276	53.48	284	33.206	148	59.00	24
17	10	48.445	333	50.64	279	33.354	180	58.76	3
27	9	48.778	387	47.85	268	33.534	211	58.79	33
Okt. 7	9	49.165	438	45.17	252	33.745	241	59.12	64
17	8	49.603	484	42.65	229	33.986	270	59.76	97
27	7	50.087	523	40.36	200	34.256	294	60.73	127
Nov. 6	7	50.610	554	38.36	165	34.550	312	62.00	156
16	6	51.164	572	36.71	125	34.862	324	63.56	180
26	5	51.736	576	35.46	81	35.186	326	65.36	197
Dez. 6	5	52.312	566	34.65	31	35.512	319	67.33	210
16	4	52.878	538	34.34	18	35.831	303	69.43	215
26	3	53.416	493	34.52	67	36.134	277	71.58	212
36	3	53.909		35.19		36.411		73.70	
Mittl. Ort		48.904		59.14		33.363		62.03	
sec δ, tg δ		1.963		+1.690		1.002		−0.068	

Welt-Zeit 1927	h	372) Grb 1586 AR. 9h 51m s		Dekl. +73° 13′ ″		378) π Leonis AR. 9h 56m s		Dekl. +8° 23′ ″	
Jan. 1	3	54.78	74	29.47	148	21.275	267	43.78	154
11	2	55.52	63	30.95	195	21.542	229	42.24	133
21	2	56.15	49	32.90	235	21.771	184	40.91	108
31	1	56.64	34	35.25	266	21.955	136	39.83	83
Feb. 10	0	56.98	19	37.91	284	22.091	85	39.00	58
20	0	57.17	3	40.75	292	22.176	37	38.42	33
März 1	23	57.20	12	43.67	287	22.213	7	38.09	11
11	22	57.08	26	46.54	271	22.206	47	37.98	9
21	22	56.82	38	49.25	244	22.159	79	38.07	25
31	21	56.44	47	51.69	209	22.080	102	38.32	37
Apr. 10	20	55.97	54	53.78	165	21.978	119	38.69	47
20	20	55.43	59	55.43	116	21.859	128	39.16	53
30	19	54.84	61	56.59	65	21.731	128	39.69	58
Mai 10	19	54.23	60	57.24	11	21.603	123	40.27	60
20	18	53.63	57	57.35	41	21.480	114	40.87	60
30	17	53.06	53	56.94	93	21.366	100	41.47	59
Juni 9	17	52.53	46	56.01	140	21.266	82	42.06	57
19	16	52.07	39	54.61	184	21.184	63	42.63	53
29	15	51.68	30	52.77	223	21.121	42	43.16	47
Juli 9	15	51.38	20	50.54	256	21.079	18	43.63	41
19	14	51.18	10	47.98	284	21.061	6	44.04	32
29	13	51.08	1	45.14	305	21.067	31	44.36	21
Aug. 8	13	51.09	11	42.09	319	21.098	58	44.57	8
18	12	51.20	22	38.90	328	21.156	85	44.65	8
28	11	51.42	33	35.62	330	21.241	115	44.57	26
Sept. 7	11	51.75	43	32.32	325	21.356	146	44.31	47
17	10	52.18	53	29.07	314	21.502	177	43.84	68
27	9	52.71	62	25.93	295	21.679	208	43.16	92
Okt. 7	9	53.33	72	22.98	271	21.887	240	42.24	115
17	8	54.05	79	20.27	239	22.127	269	41.09	136
27	7	54.84	86	17.88	201	22.396	295	39.73	157
Nov. 6	7	55.70	90	15.87	157	22.691	315	38.16	172
16	6	56.60	94	14.30	108	23.006	329	36.44	183
26	5	57.54	95	13.22	54	23.335	334	34.61	188
Dez. 6	5	58.49	92	12.68	2	23.669	330	32.73	187
16	4	59.41	88	12.70	59	23.999	315	30.86	180
26	3	60.29	81	13.29	113	24.314	290	29.06	167
36	3	61.10		14.42		24.604		27.39	
Mittl. Ort		53.78		39.81		21.465		42.51	
sec δ, tg δ		3.465		+3.318		1.011		+0.148	

Welt-Zeit		379) η Leonis AR.		379) η Leonis Dekl.		380) α Leonis AR.		380) α Leonis Dekl.		381) λ Hydrae AR.		381) λ Hydrae Dekl.		382) q Velorum AR.		382) q Velorum Dekl.	
1927		$10^h\ 3^m$		+17° 6′		$10^h\ 4^m$		+12° 19′		$10^h\ 7^m$		−11° 59′		$10^h\ 11^m$		−41° 45′	
Jan. 1	3^h	$21^s.093$	283	68″.40	116	$28^s.963$	277	28″.76	139	$1^s.642$	264	26″.30	239	$40^s.357$	298	19″.80	311
11	3	21.376	245	67.24	89	29.240	239	27.37	115	1.906	226	28.69	233	40.655	249	22.91	328
21	2	21.621	199	66.35	60	29.479	195	26.22	89	2.132	182	31.02	221	40.904	193	26.19	336
31	1	21.820	150	65.75	32	29.674	146	25.33	61	2.314	134	33.23	204	41.097	135	29.55	334
Feb. 10	1	21.970	98	65.43	5	29.820	96	24.72	35	2.448	85	35.27	183	41.232	76	32.89	324
20	0	22.068	48	65.38	20	29.916	46	24.37	10	2.533	37	37.10	158	41.308	18	36.13	306
März 1	23	22.116	1	65.58	41	29.962	1	24.27	12	2.570	6	38.68	133	41.326	34	39.19	283
11	23	22.117	41	65.99	56	29.963	39	24.39	31	2.564	45	40.01	106	41.292	82	42.02	254
21	22	22.076	75	66.55	68	29.924	73	24.70	44	2.519	77	41.07	79	41.210	122	44.56	220
31	21	22.001	102	67.23	75	29.851	99	25.14	55	2.442	101	41.86	54	41.088	154	46.76	184
Apr. 10	21	21.899	119	67.98	77	29.752	116	25.69	61	2.341	119	42.40	29	40.934	178	48.60	145
20	20	21.780	129	68.75	75	29.636	126	26.30	65	2.222	128	42.69	5	40.756	194	50.05	103
30	19	21.651	132	69.50	71	29.510	128	26.95	65	2.094	132	42.74	17	40.562	203	51.08	60
Mai 10	19	21.519	128	70.21	65	29.382	124	27.60	63	1.962	130	42.57	39	40.359	206	51.68	17
20	18	21.391	119	70.86	56	29.258	116	28.23	59	1.832	123	42.18	59	40.153	201	51.85	26
30	17	21.272	105	71.42	46	29.142	103	28.82	54	1.709	112	41.59	78	39.952	192	51.59	67
Juni 9	17	21.167	88	71.88	36	29.039	87	29.36	48	1.597	98	40.81	93	39.760	178	50.92	107
19	16	21.079	68	72.24	24	28.952	68	29.84	40	1.499	81	39.88	107	39.582	159	49.85	145
29	16	21.011	46	72.48	12	28.884	47	30.24	32	1.418	61	38.81	118	39.423	136	48.40	177
Juli 9	15	20.965	23	72.60	1	28.837	24	30.56	22	1.357	40	37.63	125	39.287	108	46.63	204
19	14	20.942	2	72.59	14	28.813	0	30.78	10	1.317	17	36.38	128	39.179	77	44.59	227
29	14	20.944	28	72.45	29	28.813	25	30.88	3	1.300	8	35.10	127	39.102	43	42.32	241
Aug. 8	13	20.972	55	72.16	45	28.838	51	30.85	16	1.308	35	33.83	120	39.059	3	39.91	248
18	12	21.027	83	71.71	62	28.889	79	30.69	33	1.343	64	32.63	108	39.056	38	37.43	245
28	12	21.110	114	71.09	79	28.968	109	30.36	51	1.407	96	31.55	90	39.094	83	34.98	233
Sept. 7	11	21.224	145	70.30	97	29.077	140	29.85	71	1.503	128	30.65	67	39.177	130	32.65	212
17	10	21.369	177	69.33	116	29.217	172	29.14	91	1.631	161	29.98	39	39.307	178	30.53	182
27	10	21.546	210	68.17	135	29.389	204	28.23	112	1.792	196	29.59	6	39.485	225	28.71	144
Okt. 7	9	21.756	243	66.82	151	29.593	236	27.11	133	1.988	229	29.53	30	39.710	270	27.27	97
17	8	21.999	273	65.31	165	29.829	267	25.78	151	2.217	261	29.83	66	39.980	310	26.30	46
27	8	22.272	301	63.66	177	30.096	294	24.27	168	2.478	288	30.49	104	40.290	345	25.84	10
Nov. 6	7	22.573	323	61.89	184	30.390	316	22.59	179	2.766	310	31.53	141	40.635	370	25.94	67
16	6	22.896	339	60.05	186	30.706	332	20.80	186	3.076	325	32.94	172	41.005	386	26.61	124
26	6	23.235	345	58.19	182	31.038	339	18.94	187	3.401	330	34.66	200	41.391	389	27.85	176
Dez. 6	5	23.580	343	56.37	175	31.377	336	17.07	182	3.731	326	36.66	221	41.780	381	29.61	225
16	4	23.923	330	54.62	151	31.713	323	15.25	172	4.057	312	38.87	235	42.161	360	31.86	266
26	4	24.253	307	53.11	133	32.036	299	13.53	153	4.369	288	41.22	241	42.521	326	34.52	298
36	3	24.560		51.78		32.335		12.00		4.657		43.63		42.847		37.50	
Mittl. Ort		21.334		69.38		29.201		28.46		1.761		33.47		40.045		35.00	
sec δ, tg δ		1.046		+0.308		1.024		+0.218		1.022		−0.213		1.340		−0.893	

Welt-Zeit		384) ζ Leonis				383) λ Ursae maj.				386) μ Ursae maj.				387) 30 H. Urs. maj.			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927	h	$10^h\ 12^m$ s		+23° 46′ ″		$10^h\ 12^m$ s		+43° 16′ ″		$10^h\ 17^m$ s		+41° 51′ ″		$10^h\ 18^m$ s		+65° 55′ ″	
Jan. 1	4	37.763	302	51.63	90	41.925	363	39.11	1	59.023	361	54.99	11	53.55	59	60.29	89
11	3	38.065	263	50.73	59	42.288	317	39.10	43	59.384	316	54.88	31	54.14	51	61.18	140
21	2	38.328	217	50.14	26	42.605	262	39.53	83	59.700	263	55.19	72	54.65	43	62.58	186
31	2	38.545	166	49.88	6	42.867	200	40.36	119	59.963	203	55.91	109	55.08	32	64.44	224
Feb. 10	1	38.711	113	49.94	35	43.067	134	41.55	148	60.166	139	57.00	139	55.40	21	66.68	251
20	0	38.824	60	50.29	59	43.201	68	43.03	170	60.305	75	58.39	162	55.61	10	69.19	269
März 2	0	38.884	10	50.88	79	43.269	6	44.73	183	60.380	14	60.01	177	55.71	1	71.88	274
11	23	38.894	33	51.67	94	43.275	50	46.56	187	60.394	42	61.78	183	55.70	11	74.62	268
21	22	38.861	71	52.61	101	43.225	98	48.43	183	60.352	89	63.61	180	55.59	20	77.30	251
31	22	38.790	100	53.62	104	43.127	137	50.26	172	60.263	128	65.41	171	55.39	27	79.81	225
Apr. 10	21	38.690	120	54.66	101	42.990	165	51.98	153	60.135	156	67.12	153	55.12	34	82.06	190
20	20	38.570	133	55.67	94	42.825	183	53.51	128	59.979	174	68.65	131	54.78	37	83.96	149
30	20	38.437	137	56.61	83	42.642	190	54.79	99	59.805	182	69.96	103	54.41	39	85.45	104
Mai 10	19	38.300	135	57.44	70	42.452	188	55.78	68	59.623	182	70.99	74	54.02	40	86.49	55
20	18	38.165	127	58.14	55	42.264	180	56.46	35	59.441	173	71.73	41	53.62	39	87.04	5
30	18	38.038	114	58.69	39	42.084	163	56.81	1	59.268	159	72.14	8	53.23	37	87.09	44
Juni 9	17	37.924	97	59.08	21	41.921	141	56.82	32	59.109	139	72.22	24	52.86	33	86.65	92
19	16	37.827	78	59.29	4	41.780	116	56.50	65	58.970	116	71.98	56	52.53	28	85.73	136
29	16	37.749	56	59.33	14	41.664	86	55.85	95	58.854	87	71.42	86	52.25	23	84.37	178
Juli 9	15	37.693	32	59.19	32	41.578	55	54.90	123	58.767	57	70.56	115	52.02	18	82.59	215
19	14	37.661	7	58.87	49	41.523	21	53.67	149	58.710	25	69.41	141	51.84	10	80.44	246
29	14	37.654	20	58.38	68	41.502	14	52.18	173	58.685	8	68.00	165	51.74	4	77.98	273
Aug. 8	13	37.674	48	57.70	85	41.516	52	50.45	193	58.693	44	66.35	185	51.70	3	75.25	295
18	12	37.722	77	56.85	102	41.568	89	48.52	210	58.737	81	64.50	204	51.73	10	72.30	310
28	12	37.799	109	55.83	120	41.657	129	46.42	225	58.818	120	62.46	219	51.83	18	69.20	319
Sept. 7	11	37.908	141	54.63	138	41.786	169	44.17	236	58.938	160	60.27	231	52.01	25	66.01	323
17	10	38.049	175	53.25	153	41.955	212	41.81	243	59.098	200	57.96	240	52.26	33	62.78	320
27	10	38.224	210	51.72	168	42.167	253	39.38	246	59.298	242	55.56	244	52.59	40	59.58	311
Okt. 7	9	38.434	244	50.04	181	42.420	294	36.92	245	59.540	284	53.12	245	52.99	47	56.47	294
17	8	38.678	277	48.23	190	42.714	333	34.47	237	59.824	322	50.67	239	53.46	53	53.53	271
27	8	38.955	307	46.33	195	43.047	368	32.10	224	60.146	358	48.28	227	53.99	59	50.82	241
Nov. 6	7	39.262	332	44.38	196	43.415	398	29.86	206	60.504	387	46.01	211	54.58	64	48.41	203
16	7	39.594	349	42.42	190	43.813	419	27.80	180	60.891	409	43.90	187	55.22	67	46.38	160
26	6	39.943	359	40.52	179	44.232	430	26.00	149	61.300	422	42.03	157	55.89	69	44.78	112
Dez. 6	5	40.302	358	38.73	162	44.662	429	24.51	113	61.722	423	40.46	122	56.58	70	43.66	58
16	5	40.660	346	37.11	139	45.091	416	23.38	73	62.145	411	39.24	83	57.28	67	43.08	3
26	4	41.006	324	35.72	112	45.507	389	22.65	30	62.556	386	38.41	41	57.95	63	43.05	53
36	3	41.330		34.60		45.896		22.35		62.942		38.00		58.58		43.58	
Mittl. Ort		38.048		54.33		42.134		46.22		59.270		61.91		53.33		70.91	
sec δ, tg δ		1.093		+0.441		1.374		+0.942		1.343		+0.896		2.452		+2.239	

Welt-Zeit		389) μ Hydrae AR.		Dekl.		391) J Carinae AR.		Dekl.		390) 31 Leonis min. AR.		Dekl.		392) Lac. α Antliae AR.		Dekl.	
1927	h	10h 22m		−16° 27′		10h 22m		−73° 39′		10h 23m		+37° 4′		10h 23m		−30° 41′	
Jan. 1	4	33.400	276	38.40	253	59.51	61	13.37	304	39.818	345	48.77	39	48.550	289	31.24	287
11	3	33.676	239	40.93	251	60.12	49	16.41	341	40.163	304	48.38	3	48.839	248	34.11	298
21	2	33.915	196	43.44	243	60.61	36	19.82	367	40.467	255	48.41	42	49.087	200	37.09	299
31	2	34.111	149	45.87	229	60.97	23	23.49	383	40.722	198	48.83	79	49.287	149	40.08	294
Feb. 10	1	34.260	99	48.16	210	61.20	9	27.32	388	40.920	139	49.62	110	49.436	96	43.02	280
20	0	34.359	52	50.26	187	61.29	4	31.20	386	41.059	79	50.72	135	49.532	45	45.82	261
März 2	0	34.411	7	52.13	162	61.25	17	35.06	372	41.138	22	52.07	153	49.577	3	48.43	237
11	23	34.418	32	53.75	135	61.08	29	38.78	352	41.160	30	53.60	162	49.574	46	50.80	210
21	22	34.386	66	55.10	107	60.79	39	42.30	324	41.130	75	55.22	163	49.528	82	52.90	178
31	22	34.320	92	56.17	79	60.40	49	45.54	289	41.055	111	56.85	158	49.446	112	54.68	145
Apr. 10	21	34.228	112	56.96	52	59.91	56	48.43	249	40.944	138	58.43	145	49.334	133	56.13	112
20	20	34.116	125	57.48	26	59.35	62	50.92	204	40.806	154	59.88	127	49.201	148	57.25	76
30	20	33.991	130	57.74	0	58.73	66	52.96	155	40.652	164	61.15	104	49.053	157	58.01	40
Mai 10	19	33.861	131	57.74	26	58.07	70	54.51	103	40.488	164	62.19	78	48.896	160	58.41	4
20	18	33.730	127	57.48	49	57.37	70	55.54	50	40.324	157	62.97	51	48.736	156	58.45	31
30	18	33.603	120	56.99	71	56.67	70	56.04	5	40.167	145	63.48	21	48.580	149	58.14	65
Juni 9	17	33.483	107	56.28	91	55.97	68	55.99	59	40.022	127	63.69	8	48.431	139	57.49	96
19	16	33.376	93	55.37	109	55.29	64	55.40	111	39.895	106	63.61	37	48.292	123	56.53	127
29	16	33.283	75	54.28	123	54.65	58	54.29	161	39.789	81	63.24	64	48.169	104	55.26	152
Juli 9	15	33.208	56	53.05	134	54.07	51	52.68	205	39.708	55	62.60	91	48.065	84	53.74	173
19	15	33.152	34	51.71	140	53.56	42	50.63	243	39.653	26	61.69	116	47.981	58	52.01	190
29	14	33.118	10	50.31	142	53.14	32	48.20	274	39.627	4	60.53	140	47.923	30	50.11	200
Aug. 8	13	33.108	17	48.89	139	52.82	21	45.46	296	39.631	37	59.13	160	47.893	1	48.11	202
18	13	33.125	47	47.50	129	52.61	8	42.50	309	39.668	71	57.53	179	47.894	35	46.09	198
28	12	33.172	78	46.21	113	52.53	5	39.41	309	39.739	107	55.74	197	47.929	72	44.11	185
Sept. 7	11	33.250	113	45.08	91	52.58	19	36.32	300	39.846	144	53.77	211	48.001	112	42.26	165
17	11	33.363	148	44.17	63	52.77	32	33.32	278	39.990	183	51.66	222	48.113	153	40.61	136
27	10	33.511	184	43.54	31	53.09	46	30.54	245	40.173	222	49.44	230	48.266	194	39.25	101
Okt. 7	9	33.695	220	43.23	7	53.55	57	28.09	202	40.395	261	47.14	234	48.460	235	38.24	58
17	9	33.915	255	43.30	46	54.12	68	26.07	149	40.656	300	44.80	233	48.695	272	37.66	12
27	8	34.170	285	43.76	86	54.80	76	24.58	91	40.956	334	42.47	226	48.967	306	37.54	37
Nov. 6	7	34.455	309	44.62	126	55.56	81	23.67	26	41.290	364	40.21	215	49.273	332	37.91	88
16	7	34.764	327	45.88	162	56.37	85	23.41	40	41.654	386	38.06	196	49.605	350	38.79	136
26	6	35.091	335	47.50	195	57.22	84	23.81	106	42.040	398	36.10	171	49.955	357	40.15	181
Dez. 6	5	35.426	333	49.45	221	58.06	82	24.87	170	42.438	401	34.39	141	50.312	354	41.96	221
16	5	35.759	321	51.66	240	58.88	76	26.57	228	42.839	391	32.98	105	50.666	339	44.17	254
26	4	36.080	298	54.06	251	59.64	68	28.85	279	43.230	368	31.93	66	51.005	313	46.71	278
36	3	36.378		56.57		60.32		31.64		43.598		31.27		51.318		49.49	
Mittl. Ort		33.563		47.35		56.94		34.81		40.121		54.74		48.548		44.25	
sec δ, tg δ		1.043		−0.295		3.554		−3.411		1.253		+0.756		1.163		−0.594	

Welt-Zeit		393) s Carinae				394) 36 Ursae maj.				395) 9 H. Draconis				404) 33 Sextantis			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927	h	$10^h 25^m$		−58° 21′		$10^h 25^m$		+56° 20′		$10^h 28^m$		+76° 4′		$10^h 37^m$		−1° 21′	
Jan. 1	4	12.507	386	39.42	313	57.962	463	70.29	43	57.16	95	71.80	112	41.052	287	21.95	204
11	3	12.893	322	42.55	343	58.425	409	70.72	92	58.11	84	72.92	167	41.339	253	23.99	191
21	2	13.215	250	45.98	362	58.834	342	71.64	138	58.95	69	74.59	214	41.592	213	25.90	172
31	2	13.465	173	49.60	371	59.176	266	73.02	178	59.64	53	76.73	252	41.805	169	27.62	151
Feb. 10	1	13.638	94	53.31	371	59.442	183	74.80	209	60.17	36	79.25	281	41.974	122	29.13	126
20	0	13.732	17	57.02	362	59.625	99	76.89	231	60.53	17	82.06	298	42.096	74	30.39	100
März 2	0	13.749	55	60.64	345	59.724	17	79.20	241	60.70	1	85.04	301	42.170	31	31.39	75
11	23	13.694	120	64.09	320	59.741	58	81.61	242	60.69	19	88.05	293	42.201	10	32.14	51
21	22	13.574	178	67.29	289	59.683	124	84.03	233	60.50	34	90.98	273	42.191	44	32.65	28
31	22	13.396	225	70.18	252	59.559	179	86.36	213	60.16	48	93.71	243	42.147	71	32.93	9
Apr. 10	21	13.171	265	72.70	212	59.380	222	88.49	187	59.68	59	96.14	204	42.076	91	33.02	10
20	21	12.906	294	74.82	168	59.158	251	90.36	153	59.09	67	98.18	158	41.985	106	32.92	25
30	20	12.612	314	76.50	120	58.907	268	91.89	114	58.42	71	99.76	107	41.879	113	32.67	37
Mai 10	19	12.298	325	77.70	70	58.639	271	93.03	73	57.71	74	100.83	54	41.766	116	32.30	49
20	19	11.973	328	78.40	20	58.368	264	93.76	29	56.97	73	101.37	2	41.650	113	31.81	58
30	18	11.645	323	78.60	30	58.104	248	94.05	15	56.24	69	101.35	56	41.537	106	31.23	65
Juni 9	17	11.322	309	78.30	79	57.856	224	93.90	58	55.55	65	100.79	108	41.431	96	30.58	71
19	17	11.013	288	77.51	127	57.632	192	93.32	99	54.90	58	99.71	157	41.335	84	29.87	75
29	16	10.725	259	76.24	170	57.440	155	92.33	138	54.32	49	98.14	202	41.251	69	29.12	77
Juli 9	15	10.466	222	74.54	208	57.285	115	90.95	173	53.83	38	96.12	242	41.182	51	28.35	75
19	15	10.244	179	72.46	240	57.170	71	89.22	205	53.45	28	93.70	276	41.131	32	27.60	72
29	14	10.065	129	70.06	266	57.099	23	87.17	232	53.17	17	90.94	305	41.099	10	26.88	66
Aug. 8	13	9.936	71	67.40	281	57.076	26	84.85	255	53.00	4	87.89	326	41.089	13	26.22	55
18	13	9.865	9	64.59	289	57.102	77	82.30	274	52.96	9	84.63	342	41.102	40	25.67	42
28	12	9.856	59	61.70	285	57.179	130	79.56	287	53.05	22	81.21	350	41.142	70	25.25	24
Sept. 7	11	9.915	129	58.85	270	57.309	185	76.69	295	53.27	35	77.71	351	41.212	101	25.01	3
17	11	10.044	201	56.15	245	57.494	239	73.74	298	53.62	47	74.20	346	41.313	134	24.98	21
27	10	10.245	270	53.70	209	57.733	295	70.76	295	54.09	60	70.74	332	41.447	169	25.19	49
Okt. 7	9	10.515	336	51.61	165	58.028	349	67.81	286	54.69	71	67.42	312	41.616	205	25.68	77
17	9	10.851	395	49.96	111	58.377	400	64.95	270	55.40	83	64.30	285	41.821	239	26.45	107
27	8	11.246	445	48.85	53	58.777	446	62.25	248	56.23	92	61.45	249	42.060	270	27.52	135
Nov. 6	7	11.691	481	48.32	9	59.223	486	59.77	219	57.15	100	58.96	206	42.330	297	28.87	161
16	7	12.172	503	48.41	74	59.709	516	57.58	183	58.15	106	56.90	158	42.627	318	30.48	184
26	6	12.675	508	49.15	136	60.225	533	55.75	141	59.21	110	55.32	104	42.945	330	32.32	200
Dez. 6	5	13.183	496	50.51	194	60.758	535	54.34	94	60.31	110	54.28	46	43.275	332	34.32	211
16	5	13.679	468	52.45	247	61.293	523	53.40	43	61.41	107	53.82	14	43.607	324	36.43	214
26	4	14.147	423	54.92	292	61.816	494	52.97	8	62.48	101	53.96	74	43.931	306	38.57	212
36	3	14.570		57.84		62.310		53.05		63.49		54.70		44.237		40.69	
Mittl. Ort		11.686		58.81		58.078		79.91		56.29		83.45		41.400		26.68	
sec δ, tg δ		1.906		−1.623		1.805		+1.503		4.160		+4.038		1.000		−0.024	

Welt-Zeit		406) ϑ Argus AR.		Dekl.		407) 42 Leonis min. AR.		Dekl.		408) μ Argus AR.		Dekl.		409) l Leonis AR.		Dekl.	
1927		10h 40m		−64° 0′		10h 41m		+31° 3′		10h 43m		−49° 1′		10h 45m		+10° 55′	
Jan. 1	4h	21.91	46	20.69	298	48.244	337	57.56	80	37.664	356	44.71	298	24.892	300	55.70	162
11	3	22.37	39	23.67	333	48.581	301	56.76	40	38.020	307	47.69	325	25.192	269	54.08	139
21	3	22.76	31	27.00	359	48.882	257	56.36	2	38.327	250	50.94	342	25.461	229	52.69	111
31	2	23.07	22	30.59	374	49.139	206	56.34	36	38.577	189	54.36	350	25.690	184	51.58	82
Feb. 10	1	23.29	14	34.33	380	49.345	152	56.70	70	38.766	125	57.86	348	25.874	136	50.76	53
20	1	23.43	4	38.13	376	49.497	96	57.40	98	38.891	62	61.34	338	26.010	88	50.23	25
März 2	0	23.47	4	41.89	363	49.593	43	58.38	120	38.953	2	64.72	321	26.098	42	49.98	0
11	23	23.43	12	45.52	343	49.636	6	59.58	135	38.955	53	67.93	297	26.140	1	49.98	22
21	23	23.31	19	48.95	315	49.630	48	60.93	142	38.902	100	70.90	269	26.141	35	50.20	40
31	22	23.12	25	52.10	282	49.582	84	62.35	143	38.802	141	73.59	235	26.106	65	50.60	53
Apr. 10	21	22.87	31	54.92	243	49.498	111	63.78	138	38.661	175	75.94	197	26.041	88	51.13	63
20	21	22.56	34	57.35	200	49.387	129	65.16	126	38.486	200	77.91	156	25.953	103	51.76	69
30	20	22.22	37	59.35	153	49.258	140	66.42	109	38.286	217	79.47	113	25.850	111	52.45	70
Mai 10	19	21.85	40	60.88	103	49.118	143	67.51	90	38.069	229	80.60	68	25.739	115	53.15	70
20	19	21.45	40	61.91	52	48.975	140	68.41	67	37.840	233	81.28	23	25.624	113	53.85	67
30	18	21.05	40	62.43	1	48.835	133	69.08	43	37.607	232	81.51	24	25.511	107	54.52	62
Juni 9	17	20.65	40	62.42	52	48.702	120	69.51	18	37.375	225	81.27	68	25.404	98	55.14	55
19	17	20.25	38	61.90	102	48.582	103	69.69	8	37.150	211	80.59	110	25.306	85	55.69	48
29	16	19.87	34	60.88	149	48.479	84	69.61	33	36.939	192	79.49	151	25.221	70	56.17	38
Juli 9	15	19.53	31	59.39	192	48.395	62	69.28	58	36.747	168	77.98	185	25.151	53	56.55	27
19	15	19.22	26	57.47	230	48.333	39	68.70	82	36.579	137	76.13	215	25.098	34	56.82	15
29	14	18.96	20	55.17	259	48.294	12	67.88	105	36.442	101	73.98	238	25.064	12	56.97	2
Aug. 8	13	18.76	13	52.58	281	48.282	16	66.83	127	36.341	60	71.60	253	25.052	12	56.99	14
18	13	18.63	6	49.77	293	48.298	47	65.56	148	36.281	14	69.07	260	25.064	38	56.85	31
28	12	18.57	2	46.84	295	48.345	79	64.08	167	36.267	38	66.47	256	25.102	66	56.54	50
Sept. 7	12	18.59	11	43.89	286	48.424	115	62.41	185	36.305	93	63.91	243	25.168	98	56.04	71
17	11	18.70	20	41.03	266	48.539	152	60.56	201	36.398	150	61.48	219	25.266	132	55.33	93
27	10	18.90	28	38.37	234	48.691	190	58.55	214	36.548	208	59.29	187	25.398	167	54.40	115
Okt. 7	10	19.18	37	36.03	193	48.881	229	56.41	223	36.756	263	57.42	145	25.565	202	53.25	138
17	9	19.55	44	34.10	143	49.110	268	54.18	229	37.019	315	55.97	96	25.767	238	51.87	158
27	8	19.99	50	32.67	86	49.378	303	51.89	229	37.334	361	55.01	41	26.005	271	50.29	176
Nov. 6	8	20.49	55	31.81	23	49.681	334	49.60	223	37.695	397	54.60	17	26.276	299	48.53	191
16	7	21.04	58	31.58	42	50.015	359	47.37	213	38.092	422	54.77	77	26.575	322	46.62	201
26	6	21.62	59	32.00	106	50.374	375	45.24	194	38.514	433	55.54	135	26.897	336	44.61	204
Dez. 6	6	22.21	58	33.06	167	50.749	380	43.30	170	38.947	431	56.89	189	27.233	340	42.57	202
16	5	22.79	55	34.73	224	51.129	374	41.60	139	39.378	414	58.78	238	27.573	335	40.55	192
26	4	23.34	50	36.97	274	51.503	357	40.21	105	39.792	383	61.16	279	27.908	319	38.63	177
36	4	23.84		39.71		51.860		39.16		40.175		63.95		28.227		36.86	
Mittl. Ort		20.92		41.89		48.659		62.24		37.431		63.20		25.320		54.67	
sec δ, tg δ		2.282		−2.051		1.167		+0.602		1.525		−1.152		1.018		+0.193	

Welt-Zeit		415) *i* Velorum				416) β Ursae maj.				417) α Ursae maj.				418) χ Leonis			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927	h	10h 56m		−41° 49′		10h 57m		+56° 45′		10h 59m		+62° 8′		11h 1m		+7° 43′	
Jan. 1	4	48.004	341	45.34	285	26.600	492	76.27	8	14.04	57	32.39	25	14.668	304	53.82	179
11	4	48.345	300	48.19	308	27.092	447	76.35	62	14.61	51	32.64	81	14.972	275	52.03	158
21	3	48.645	251	51.27	322	27.539	387	76.97	113	15.12	44	33.45	134	15.247	238	50.45	133
31	2	48.896	197	54.49	328	27.926	315	78.10	158	15.56	36	34.79	180	15.485	195	49.12	105
Feb. 10	2	49.093	141	57.77	324	28.241	237	79.68	197	15.92	27	36.59	217	15.680	149	48.07	76
20	1	49.234	84	61.01	313	28.478	155	81.65	225	16.19	17	38.76	246	15.829	102	47.31	48
März 2	0	49.318	31	64.14	296	28.633	72	83.90	243	16.36	8	41.22	263	15.931	57	46.83	21
12	0	49.349	19	67.10	272	28.705	5	86.33	251	16.44	1	43.85	269	15.988	16	46.62	2
21	23	49.330	62	69.82	245	28.700	77	88.84	248	16.43	10	46.54	263	16.004	21	46.64	22
31	22	49.268	100	72.27	213	28.623	138	91.32	235	16.33	17	49.17	247	15.983	51	46.86	38
Apr. 10	22	49.168	130	74.40	178	28.485	188	93.67	213	16.16	23	51.64	222	15.932	75	47.24	51
20	21	49.038	153	76.18	141	28.297	226	95.80	183	15.93	27	53.86	189	15.857	93	47.75	60
30	20	48.885	171	77.59	102	28.071	252	97.63	146	15.66	31	55.75	149	15.764	103	48.35	64
Mai 10	20	48.714	181	78.61	61	27.819	265	99.09	106	15.35	33	57.24	104	15.661	109	48.99	67
20	19	48.533	187	79.22	19	27.554	268	100.15	63	15.02	33	58.28	58	15.552	109	49.66	67
30	18	48.346	188	79.41	22	27.286	261	100.78	18	14.69	32	58.86	10	15.443	106	50.33	65
Juni 9	18	48.158	183	79.19	61	27.025	245	100.96	28	14.37	31	58.96	39	15.337	100	50.98	61
19	17	47.975	173	78.58	100	26.780	223	100.68	72	14.06	28	58.57	86	15.237	90	51.59	56
29	16	47.802	160	77.58	136	26.557	194	99.96	114	13.78	25	57.71	130	15.147	78	52.15	48
Juli 9	16	47.642	140	76.22	166	26.363	159	98.82	154	13.53	20	56.41	172	15.069	63	52.63	40
19	15	47.502	117	74.56	193	26.204	121	97.28	190	13.33	16	54.69	210	15.006	47	53.03	29
29	14	47.385	88	72.63	214	26.083	77	95.38	223	13.17	11	52.59	244	14.959	27	53.32	17
Aug. 8	14	47.297	54	70.49	227	26.006	32	93.15	251	13.06	5	50.15	272	14.932	4	53.49	2
18	13	47.243	16	68.22	232	25.974	18	90.64	274	13.01	0	47.43	296	14.928	20	53.51	15
28	12	47.227	27	65.90	228	25.992	71	87.90	293	13.01	7	44.47	314	14.948	49	53.36	33
Sept. 7	12	47.254	75	63.62	216	26.063	125	84.97	307	13.08	14	41.33	326	14.997	80	53.03	54
17	11	47.329	124	61.46	193	26.188	183	81.90	314	13.22	20	38.07	332	15.077	114	52.49	77
27	11	47.453	176	59.53	163	26.371	242	78.76	317	13.42	27	34.75	331	15.191	149	51.72	100
Okt. 7	10	47.629	227	57.90	123	26.613	300	75.59	312	13.69	34	31.44	324	15.340	187	50.72	124
17	9	47.856	275	56.67	77	26.913	358	72.47	300	14.03	40	28.20	309	15.527	223	49.48	148
27	9	48.131	319	55.90	26	27.271	411	69.47	282	14.43	46	25.11	287	15.750	258	48.00	169
Nov. 6	8	48.450	355	55.64	28	27.682	459	66.65	255	14.89	52	22.24	257	16.008	289	46.31	187
16	7	48.805	381	55.92	84	28.141	498	64.10	221	15.41	57	19.67	219	16.297	313	44.44	201
26	7	49.186	396	56.76	137	28.639	525	61.89	181	15.98	60	17.48	175	16.610	330	42.43	208
Dez. 6	6	49.582	398	58.13	187	29.164	539	60.08	134	16.58	61	15.73	125	16.940	338	40.35	209
16	5	49.980	387	60.00	231	29.703	536	58.74	83	17.19	61	14.48	70	17.278	335	38.26	204
26	5	50.367	365	62.31	269	30.239	516	57.91	29	17.80	58	13.78	13	17.613	321	36.22	192
36	4	50.732		65.00		30.755		57.62		18.38		13.65		17.934		34.30	
Mittl. Ort		48.065		62.67		26.925		86.56		14.28		43.49		15.170		51.65	
sec δ, tg δ		1.342		—0.895		1.825		+1.527		2.140		+1.892		1.009		+0.136	

Welt-Zeit		420) ψ Ursae maj.				421) β Crateris				422) δ Leonis				423) ϑ Leonis			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927	h	11h 5m s	Δ	+44° 53′ ″	Δ	11h 8m s	Δ	−22° 25′ ″	Δ	11h 10m s	Δ	+20° 55′ ″	Δ	11h 10m s	Δ	+15° 49′ ″	Δ
Jan. 1	4	33.532	405	33.26	46	3.528	310	24.93	257	13.177	327	24.16	138	24.124	318	43.49	156
11	4	33.937	369	32.80	3	3.838	279	27.50	263	13.504	299	22.78	106	24.442	290	41.93	127
21	3	34.306	323	32.83	51	4.117	239	30.13	264	13.803	261	21.72	71	24.732	254	40.66	96
31	2	34.629	267	33.34	97	4.356	196	32.77	256	14.064	217	21.01	35	24.986	211	39.70	63
Feb. 10	2	34.896	205	34.31	135	4.552	148	35.33	243	14.281	169	20.66	0	25.197	164	39.07	31
20	1	35.101	141	35.66	167	4.700	101	37.76	224	14.450	120	20.66	31	25.361	116	38.76	0
März 2	0	35.242	77	37.33	191	4.801	55	40.00	203	14.570	72	20.97	58	25.477	70	38.76	28
12	0	35.319	16	39.24	205	4.856	13	42.03	178	14.642	26	21.55	80	25.547	26	39.04	50
21	23	35.335	38	41.29	209	4.869	24	43.81	152	14.668	14	22.35	96	25.573	12	39.54	68
31	22	35.297	86	43.38	205	4.845	55	45.33	124	14.654	47	23.31	106	25.561	45	40.22	81
Apr. 10	22	35.211	123	45.43	192	4.790	80	46.57	95	14.607	74	24.37	111	25.516	71	41.03	89
20	21	35.088	152	47.35	171	4.710	100	47.52	68	14.533	95	25.48	109	25.445	90	41.92	91
30	20	34.936	172	49.06	146	4.610	113	48.20	40	14.438	108	26.57	103	25.355	103	42.83	90
Mai 10	20	34.764	183	50.52	114	4.497	121	48.60	11	14.330	116	27.60	93	25.252	110	43.73	85
20	19	34.581	186	51.66	80	4.376	126	48.71	16	14.214	118	28.53	81	25.142	113	44.58	77
30	18	34.395	181	52.46	43	4.250	126	48.55	42	14.096	116	29.34	66	25.029	111	45.35	66
Juni 9	18	34.214	172	52.89	6	4.124	122	48.13	66	13.980	109	30.00	48	24.918	104	46.01	55
19	17	34.042	156	52.95	31	4.002	115	47.47	90	13.871	100	30.48	30	24.814	96	46.56	41
29	17	33.886	136	52.64	68	3.887	105	46.57	109	13.771	87	30.78	12	24.718	84	46.97	26
Juli 9	16	33.750	113	51.96	103	3.782	92	45.48	127	13.684	73	30.90	8	24.634	70	47.23	11
19	15	33.637	86	50.93	136	3.690	75	44.21	139	13.611	55	30.82	29	24.564	53	47.34	6
29	15	33.551	56	49.57	167	3.615	55	42.82	148	13.556	34	30.53	50	24.511	34	47.28	24
Aug. 8	14	33.495	23	47.90	195	3.560	30	41.34	150	13.522	12	30.03	70	24.477	11	47.04	42
18	13	33.472	14	45.95	220	3.530	2	39.84	147	13.510	15	29.33	91	24.466	13	46.62	62
28	13	33.486	53	43.75	242	3.528	30	38.37	138	13.525	44	28.42	113	24.479	42	46.00	83
Sept. 7	12	33.539	95	41.33	259	3.558	65	36.99	121	13.569	76	27.29	134	24.521	74	45.17	104
17	11	33.634	140	38.74	273	3.623	104	35.78	98	13.645	111	25.95	154	24.595	108	44.13	125
27	11	33.774	187	36.01	281	3.727	145	34.80	69	13.756	148	24.41	174	24.703	144	42.88	146
Okt. 7	10	33.961	234	33.20	285	3.872	187	34.11	34	13.904	187	22.67	191	24.847	183	41.42	167
17	9	34.195	282	30.35	283	4.059	228	33.77	5	14 091	227	20.76	207	25.030	221	39.75	185
27	9	34.477	327	27.52	274	4.287	266	33.82	47	14.318	263	18.69	217	25.251	258	37.90	200
Nov. 6	8	34.804	367	24.78	259	4.553	299	34.29	89	14.581	297	16.52	223	25.509	290	35.90	211
16	7	35.171	401	22.19	235	4.852	325	35.18	130	14.878	325	14.29	224	25.799	317	33.79	217
26	7	35.572	425	19.84	205	5.177	342	36.48	169	15.203	344	12.05	217	26.116	337	31.62	215
Dez. 6	6	35.997	438	17.79	168	5.519	348	38.17	202	15.547	355	9.88	204	26.453	347	29.47	208
16	5	36.435	438	16.11	125	5.867	344	40.19	230	15.902	355	7.84	185	26.800	345	27.39	194
26	5	36.873	423	14.86	79	6.211	328	42.49	250	16.257	343	5.99	160	27.145	335	25.45	174
36	4	37.296		14.07		6.539		44.99		16.600		4.39		27.480		23.71	
Mittl. Ort		34.023		41.44		3.919		37.03		13.744		26.07		24.688		43.83	
sec δ, tg δ		1.412		+0.996		1.082		−0.413		1.071		+0.382		1.039		+0.283	

Welt-Zeit		425) ν Ursae maj. AR.		425) ν Ursae maj. Dekl.		426) δ Crateris AR.		426) δ Crateris Dekl.	
1927		11ʰ 14ᵐ		+33° 29′		11ʰ 15ᵐ		−14° 22′	
Jan. 1	5ʰ	31.876ˢ	360	28.70″	97	40.861ˢ	308	50.19″	239
11	4	32.236	330	27.73	54	41.169	279	52.58	238
21	3	32.566	291	27.19	10	41.448	243	54.96	232
31	3	32.857	243	27.09	32	41.691	200	57.28	219
Feb. 10	2	33.100	190	27.41	70	41.891	156	59.47	202
20	1	33.290	136	28.11	103	42.047	110	61.49	181
März 2	1	33.426	82	29.14	131	42.157	66	63.30	157
12	0	33.508	30	30.45	150	42.223	25	64.87	132
21	23	33.538	15	31.95	162	42.248	12	66.19	107
31	23	33.523	56	33.57	165	42.236	42	67.26	82
Apr. 10	22	33.467	87	35.22	161	42.194	66	68.08	57
20	21	33.380	112	36.83	151	42.128	86	68.65	34
30	21	33.268	128	38.34	134	42.042	99	68.99	11
Mai 10	20	33.140	139	39.68	113	41.943	108	69.10	10
20	19	33.001	142	40.81	89	41.835	113	69.00	31
30	19	32.859	141	41.70	63	41.722	113	68.69	49
Juni 9	18	32.718	134	42.33	33	41.609	110	68.20	67
19	17	32.584	123	42.66	5	41.499	104	67.53	81
29	17	32.461	109	42.71	25	41.395	96	66.72	95
Juli 9	16	32.352	91	42.46	54	41.299	83	65.77	105
19	15	32.261	72	41.92	83	41.216	69	64.72	112
29	15	32.189	48	41.09	110	41.147	51	63.60	114
Aug. 8	14	32.141	21	39.99	136	41.096	28	62.46	113
18	13	32.120	7	38.63	160	41.068	3	61.33	106
28	13	32.127	40	37.03	183	41.065	26	60.27	94
Sept. 7	12	32.167	75	35.20	204	41.091	59	59.33	77
17	11	32.242	115	33.16	221	41.150	96	58.56	53
27	11	32.357	155	30.95	237	41.246	135	58.03	26
Okt. 7	10	32.512	198	28.58	248	41.381	175	57.77	6
17	9	32.710	240	26.10	255	41.556	215	57.83	42
27	9	32.950	281	23.55	256	41.771	252	58.25	78
Nov. 6	8	33.231	319	20.99	250	42.023	286	59.03	114
16	8	33.550	350	18.49	239	42.309	312	60.17	149
26	7	33.900	372	16.10	220	42.621	330	61.66	180
Dez. 6	6	34.272	386	13.90	194	42.951	339	63.46	205
16	6	34.658	387	11.96	162	43.290	337	65.51	225
26	5	35.045	376	10.34	124	43.627	325	67.76	237
36	4	35.421		9.10		43.952		70.13	
Mittl. Ort		32.458		34.19		41.355		59.86	
sec δ, tg δ		1.199		+0.662		1.032		−0.256	

Welt-Zeit		427) σ Leonis AR.		427) σ Leonis Dekl.		428) π Centauri AR.		428) π Centauri Dekl.	
1927		11ʰ 17ᵐ		+6° 25′		11ʰ 17ᵐ		−54° 5′	
Jan. 1	5ʰ	21.809ˢ	311	49.49″	188	40.289ˢ	420	5.75″	270
11	4	22.120	285	47.61	168	40.709	374	8.45	305
21	3	22.405	249	45.93	143	41.083	318	11.50	330
31	3	22.654	209	44.50	116	41.401	256	14.80	347
Feb. 10	2	22.863	164	43.34	87	41.657	190	18.27	354
20	1	23.027	118	42.47	59	41.847	122	21.81	353
März 2	1	23.145	73	41.88	31	41.969	58	25.34	343
12	0	23.218	32	41.57	6	42.027	4	28.77	326
21	23	23.250	5	41.51	15	42.023	60	32.03	303
31	23	23.245	36	41.66	32	41.963	110	35.06	275
Apr. 10	22	23.209	61	41.98	46	41.853	152	37.81	241
20	21	23.148	80	42.44	56	41.701	187	40.22	203
30	21	23.068	94	43.00	63	41.514	216	42.25	162
Mai 10	20	22.974	101	43.63	66	41.298	237	43.87	118
20	19	22.873	105	44.29	68	41.061	253	45.05	73
30	19	22.768	105	44.97	66	40.808	261	45.78	25
Juni 9	18	22.663	101	45.63	63	40.547	262	46.03	22
19	17	22.562	94	46.26	59	40.285	258	45.81	68
29	17	22.468	83	46.85	52	40.027	246	45.13	112
Juli 9	16	22.385	72	47.37	44	39.781	226	44.01	153
19	15	22.313	57	47.81	34	39.555	200	42.48	190
29	15	22.256	40	48.15	22	39.355	166	40.58	219
Aug. 8	14	22.216	18	48.37	8	39.189	125	38.39	243
18	13	22.198	5	48.45	8	39.064	76	35.96	259
28	13	22.203	32	48.37	27	38.988	19	33.37	264
Sept. 7	12	22.235	64	48.10	48	38.969	41	30.73	259
17	11	22.299	97	47.62	71	39.010	107	28.14	244
27	11	22.396	134	46.91	95	39.117	174	25.70	220
Okt. 7	10	22.530	172	45.96	120	39.291	242	23.50	184
17	9	22.702	210	44.76	144	39.533	305	21.66	141
27	9	22.912	247	43.32	166	39.838	363	20.25	89
Nov. 6	8	23.159	280	41.66	186	40.201	412	19.36	33
16	8	23.439	307	39.80	201	40.613	449	19.03	26
26	7	23.746	326	37.79	210	41.062	471	19.29	86
Dez. 6	6	24.072	337	35.69	214	41.533	478	20.15	144
16	6	24.409	337	33.55	210	42.011	469	21.59	199
26	5	24.746	326	31.45	199	42.480	445	23.58	246
36	4	25.072		29.46		42.925		26.04	
Mittl. Ort		22.394		46.76		40.282		26.79	
sec δ, tg δ		1.006		+0.113		1.705		−1.381	

Welt-Zeit		429) Grb 1771 AR.		429) Dekl.		433) λ Draconis AR.		433) Dekl.		434) ξ Hydrae AR.		434) Dekl.		436) λ Centauri AR.		436) Dekl.	
1927	h	11h 18m s		+64° 43′ ″		11h 27m s		+69° 43′ ″		11h 29m s		−31° 26′ ″		11h 32m s		−62° 36′ ″	
Jan. 1	5	31.64	62	37.25	9	5.14	75	50.48	13	23.971	336	57.37	257	24.38	52	33.66	248
11	4	32.26	57	37.34	68	5.89	69	50.61	75	24.307	306	59.94	275	24.90	47	36.14	291
21	3	32.83	51	38.02	124	6.58	62	51.36	133	24.613	267	62.69	284	25.37	40	39.05	325
31	3	33.34	42	39.26	174	7.20	52	52.69	184	24.880	224	65.53	286	25.77	33	42.30	348
Feb. 10	2	33.76	33	41.00	216	7.72	41	54.53	227	25.104	175	68.39	280	26.10	25	45.78	363
20	1	34.09	23	43.16	249	8.13	29	56.80	260	25.279	126	71.19	268	26.35	17	49.41	369
März 2	1	34.32	12	45.65	269	8.42	16	59.40	282	25.405	78	73.87	251	26.52	9	53.10	366
12	0	34.44	3	48.34	279	8.58	4	62.22	292	25.483	34	76.38	230	26.61	1	56.76	355
21	23	34.47	7	51.13	276	8.62	8	65.14	290	25.517	7	78.68	205	26.62	6	60.31	337
31	23	34.40	16	53.89	264	8.54	18	68.04	276	25.510	41	80.73	178	26.56	13	63.68	312
Apr. 10	22	34.24	22	56.53	240	8.36	27	70.80	252	25.469	71	82.51	148	26.43	18	66.80	281
20	21	34.02	29	58.93	208	8.09	36	73.32	217	25.398	95	83.99	117	26.25	23	69.61	245
30	21	33.73	33	61.01	170	7.73	41	75.49	177	25.303	113	85.16	85	26.02	27	72.06	204
Mai 10	20	33.40	35	62.71	125	7.32	45	77.26	131	25.190	127	86.01	53	25.75	31	74.10	160
20	19	33.05	36	63.96	77	6.87	47	78.57	82	25.063	136	86.54	20	25.44	33	75.70	113
30	19	32.69	37	64.73	28	6.40	48	79.39	29	24.927	142	86.74	13	25.11	36	76.83	63
Juni 9	18	32.32	36	65.01	23	5.92	47	79.68	24	24.785	142	86.61	44	24.75	36	77.46	13
19	17	31.96	33	64.78	72	5.45	44	79.44	76	24.643	139	86.17	75	24.39	36	77.59	37
29	17	31.63	30	64.06	120	5.01	41	78.68	125	24.504	133	85.42	102	24.03	35	77.22	87
Juli 9	16	31.33	27	62.86	164	4.60	36	77.43	172	24.371	123	84.40	128	23.68	33	76.35	134
19	16	31.06	22	61.22	206	4.24	31	75.71	216	24.248	107	83.12	149	23.35	30	75.01	176
29	15	30.84	16	59.16	242	3.93	25	73.55	254	24.141	88	81.63	165	23.05	26	73.25	213
Aug. 8	14	30.68	11	56.74	274	3.68	17	71.01	287	24.053	64	79.98	176	22.79	21	71.12	243
18	14	30.57	5	54.00	301	3.51	10	68.14	315	23.989	34	78.22	180	22.58	14	68.69	266
28	13	30.52	2	50.99	322	3.41	1	64.99	336	23.955	0	76.42	176	22.44	7	66.03	279
Sept. 7	12	30.54	10	47.77	336	3.40	8	61.63	351	23.955	39	74.66	166	22.37	0	63.24	281
17	12	30.64	16	44.41	346	3.48	16	58.12	360	23.994	82	73.00	147	22.37	9	60.43	272
27	11	30.80	24	40.95	347	3.64	26	54.52	361	24.076	128	71.53	120	22.46	18	57.71	253
Okt. 7	10	31.04	32	37.48	342	3.90	35	50.91	354	24.204	175	70.33	87	22.64	26	55.18	222
17	10	31.36	40	34.06	328	4.25	45	47.37	340	24.379	222	69.46	48	22.90	35	52.96	182
27	9	31.76	47	30.78	307	4.70	53	43.97	316	24.601	265	68.98	4	23.25	42	51.14	134
Nov. 6	8	32.23	53	27.71	278	5.23	61	40.81	286	24.866	304	68.94	43	23.67	48	49.80	77
16	8	32.76	58	24.93	241	5.84	69	37.95	247	25.170	335	69.37	90	24.15	54	49.03	17
26	7	33.34	63	22.52	196	6.53	74	35.48	200	25.505	357	70.27	135	24.69	57	48.86	45
Dez. 6	6	33.97	65	20.56	145	7.27	77	33.48	146	25.862	367	71.62	177	25.26	58	49.31	108
16	6	34.62	66	19.11	89	8.04	78	32.02	88	26.229	367	73.39	214	25.84	57	50.39	166
26	5	35.28	64	18.22	31	8.82	77	31.14	27	26.596	353	75.53	245	26.41	55	52.05	220
36	4	35.92		17.91		9.59		30.87		26.949		77.98		26.96		54.25	
Mittl. Ort		32.00		48.99		5.45		62.88		24.439		72.80		24.29		56.89	
sec δ, tg δ		2.343		+2.118		2.887		+2.708		1.172		−0.612		2.174		−1.931	

Welt-Zeit		437) υ Leonis AR.		437) υ Leonis Dekl.		440) 3 Draconis AR.		440) 3 Draconis Dekl.		441) χ Ursae maj. AR.		441) χ Ursae maj. Dekl.		444) β Leonis AR.		444) β Leonis Dekl.	
1927		11h 33m		−0° 25′		11h 38m		+67° 8′		11h 42m		+48° 10′		11h 45m		+14° 58′	
	h	s		″		s		″		s		″		s		″	
Jan. 1	5	12.003	314	9.10	208	24.53	68	44.47	10	11.477	439	53.87	75	19.513	329	48.76	175
11	4	12.317	289	11.18	196	25.21	64	44.37	52	11.916	412	53.12	20	19.842	307	47.01	147
21	4	12.606	257	13.14	177	25.85	57	44.89	111	12.328	371	52.92	33	20.149	276	45.54	115
31	3	12.863	218	14.91	154	26.42	49	46.00	165	12.699	320	53.25	85	20.425	237	44.39	81
Feb. 10	2	13.081	176	16.45	128	26.91	40	47.65	210	13.019	261	54.10	130	20.662	195	43.58	46
20	2	13.257	131	17.73	102	27.31	29	49.75	247	13.280	196	55.40	169	20.857	150	43.12	13
März 2	1	13.388	88	18.75	75	27.60	18	52.22	272	13.476	131	57.09	199	21.007	104	42.99	17
12	0	13.476	47	19.50	50	27.78	7	54.94	286	13.607	66	59.08	220	21.111	61	43.16	44
22	0	13.523	11	20.00	26	27.85	4	57.80	287	13.673	6	61.28	230	21.172	22	43.60	65
31	23	13.534	21	20.26	5	27.81	13	60.67	277	13.679	48	63.58	231	21.194	12	44.25	81
Apr. 10	22	13.513	47	20.31	12	27.68	22	63.44	257	13.631	95	65.89	222	21.182	41	45.06	91
20	22	13.466	68	20.19	27	27.46	29	66.01	227	13.536	132	68.11	205	21.141	65	45.97	97
30	21	13.398	83	19.92	40	27.17	34	68.28	190	13.404	161	70.16	180	21.076	83	46.94	98
Mai 10	20	13.315	93	19.52	49	26.83	38	70.18	145	13.243	181	71.96	148	20.993	95	47.92	94
20	20	13.222	99	19.03	56	26.45	41	71.63	98	13.062	194	73.44	114	20.898	102	48.86	87
30	19	13.123	101	18.47	62	26.04	41	72.61	48	12.868	199	74.58	74	20.796	106	49.73	78
Juni 9	18	13.022	100	17.85	65	25.63	41	73.09	4	12.669	198	75.32	34	20.690	107	50.51	65
19	18	12.922	97	17.20	66	25.22	40	73.05	56	12.471	190	75.66	7	20.583	104	51.16	52
29	17	12.825	90	16.54	66	24.82	37	72.49	106	12.281	177	75.59	48	20.479	98	51.68	37
Juli 9	16	12.735	81	15.88	63	24.45	33	71.43	153	12.104	159	75.11	89	20.381	89	52.05	19
19	16	12.654	69	15.25	59	24.12	29	69.90	197	11.945	137	74.22	127	20.292	77	52.24	2
29	15	12.585	53	14.66	52	23.83	23	67.93	238	11.808	110	72.95	164	20.215	62	52.26	16
Aug. 8	14	12.532	34	14.14	41	23.60	18	65.55	272	11.698	79	71.31	197	20.153	44	52.10	37
18	14	12.498	11	13.73	28	23.42	11	62.83	302	11.619	45	69.34	227	20.109	21	51.73	57
28	13	12.487	15	13.45	12	23.31	3	59.81	327	11.574	5	67.07	254	20.088	4	51.16	79
Sept. 7	12	12.502	46	13.33	8	23.28	4	56.54	344	11.569	39	64.53	277	20.092	35	50.37	102
17	12	12.548	80	13.41	31	23.32	12	53.10	356	11.608	86	61.76	294	20.127	70	49.35	124
27	11	12.628	118	13.72	56	23.44	20	49.54	360	11.694	137	58.82	307	20.197	107	48.11	147
Okt. 7	10	12.746	156	14.28	83	23.64	29	45.94	357	11.831	190	55.75	314	20.304	147	46.64	169
17	10	12.902	196	15.11	111	23.93	38	42.37	346	12.021	244	52.61	314	20.451	188	44.95	190
27	9	13.098	235	16.22	138	24.31	46	38.91	327	12.265	297	49.47	308	20.639	229	43.05	206
Nov. 6	8	13.333	270	17.60	163	24.77	54	35.64	299	12.562	346	46.39	293	20.868	266	40.99	219
16	8	13.603	299	19.23	185	25.31	60	32.65	262	12.908	389	43.46	271	21.134	298	38.80	227
26	7	13.902	320	21.08	202	25.91	65	30.03	219	13.297	423	40.75	241	21.432	323	36.53	229
Dez. 6	7	14.222	334	23.10	214	26.56	69	27.84	167	13.720	447	38.34	203	21.755	340	34.24	223
16	6	14.556	336	25.24	218	27.25	71	26.17	111	14.167	457	36.31	159	22.095	345	32.01	211
26	5	14.892	327	27.42	216	27.96	70	25.06	50	14.624	452	34.72	109	22.440	341	29.90	192
36	5	15.219		29.58		28.66		24.56		15.076		33.63		22.781		27.98	
Mittl. Ort		12.658		14.29		25.02		56.75		12.180		63.07		20.263		48.70	
sec δ, tg δ		1.000		−0.007		2.575		+2.373		1.500		+1.118		1.035		+0.267	

Welt-Zeit		445) β Virginis AR.		445) β Virginis Dekl.		447) γ Ursae maj. AR.		447) γ Ursae maj. Dekl.		450) o Virginis AR.		450) o Virginis Dekl.		452) δ Centauri AR.		452) δ Centauri Dekl.	
1927		11h 46m		+2° 10′		11h 49m		+54° 5′		12h 1m		+9° 7′		12h 4m		−50° 18′	
	h	s		″		s		″		s		″		s		″	
Jan. 1	5	52.823	321	38.44	206	59.233	489	51.68	65	28.641	328	80.01	194	33.385	432	35.78	227
11	4	53.144	299	36.38	190	59.722	462	51.03	7	28.969	308	78.07	171	33.817	402	38.05	265
21	4	53.443	269	34.48	169	60.184	419	50.96	49	29.277	280	76.36	145	34.219	360	40.70	293
31	3	53.712	231	32.79	145	60.603	364	51.45	103	29.557	245	74.91	114	34.579	311	43.63	313
Feb. 10	2	53.943	190	31.34	117	60.967	299	52.48	151	29.802	205	73.77	82	34.890	255	46.76	326
20	2	54.133	147	30.17	89	61.266	228	53.99	191	30.007	162	72.95	50	35.145	198	50.02	330
März 2	1	54.280	104	29.28	61	61.494	155	55.90	223	30.169	119	72.45	20	35.343	139	53.32	327
12	0	54.384	63	28.67	36	61.649	82	58.13	243	30.288	77	72.25	8	35.482	83	56.59	316
22	0	54.447	25	28.31	12	61.731	12	60.56	253	30.365	39	72.33	31	35.565	30	59.75	299
31	23	54.472	6	28.19	9	61.743	50	63.09	252	30.404	5	72.64	50	35.595	19	62.74	278
Apr. 10	22	54.466	34	28.28	25	61.693	105	65.61	241	30.409	24	73.14	64	35.576	62	65.52	252
20	22	54.432	56	28.53	39	61.588	151	68.02	222	30.385	48	73.78	75	35.514	101	68.04	220
30	21	54.376	72	28.92	50	61.437	187	70.24	193	30.337	67	74.53	80	35.413	133	70.24	185
Mai 10	21	54.304	85	29.42	57	61.250	213	72.17	159	30.270	81	75.33	82	35.280	163	72.09	148
20	20	54.219	93	29.99	61	61.037	231	73.76	120	30.189	91	76.15	80	35.117	185	73.57	108
30	19	54.126	97	30.60	64	60.806	238	74.96	77	30.098	98	76.95	76	34.932	204	74.65	66
Juni 9	19	54.029	99	31.24	64	60.568	239	75.73	33	30.000	101	77.71	70	34.728	217	75.31	23
19	18	53.930	96	31.88	63	60.329	233	76.06	12	29.899	101	78.41	61	34.511	223	75.54	21
29	17	53.834	92	32.51	60	60.096	219	75.94	58	29.798	99	79.02	51	34.288	225	75.33	63
Juli 9	17	53.742	85	33.11	54	59.877	199	75.36	102	29.699	93	79.53	38	34.063	219	74.70	104
19	16	53.657	74	33.65	48	59.678	176	74.34	143	29.606	84	79.91	25	33.844	207	73.66	141
29	15	53.583	61	34.13	38	59.502	145	72.91	182	29.522	71	80.16	10	33.637	185	72.25	174
Aug. 8	15	53.522	43	34.51	26	59.357	111	71.09	218	29.451	56	80.26	7	33.452	157	70.51	201
18	14	53.479	21	34.77	12	59.246	70	68.91	250	29.395	35	80.19	25	33.295	121	68.50	222
28	13	53.458	4	34.89	5	59.176	26	66.41	277	29.360	11	79.94	45	33.174	75	66.28	234
Sept. 7	13	53.462	34	34.84	25	59.150	23	63.64	300	29.349	19	79.49	67	33.099	23	63.94	238
17	12	53.496	68	34.59	49	59.173	77	60.64	318	29.368	52	78.82	90	33.076	36	61.56	231
27	11	53.564	106	34.10	73	59.250	134	57.46	329	29.420	89	77.92	114	33.112	99	59.25	216
Okt. 7	11	53.670	145	33.37	99	59.384	194	54.17	335	29.509	130	76.78	138	33.211	165	57.09	189
17	10	53.815	186	32.38	125	59.578	255	50.82	333	29.639	171	75.40	161	33.376	230	55.20	155
27	9	54.001	225	31.13	150	59.833	315	47.49	324	29.810	213	73.79	183	33.606	293	53.65	111
Nov. 6	9	54.226	262	29.63	174	60.148	371	44.25	306	30.023	252	71.96	201	33.899	349	52.54	62
16	8	54.488	294	27.89	194	60.519	420	41.19	280	30.275	285	69.95	215	34.248	395	51.92	9
26	7	54.782	318	25.95	208	60.939	461	38.39	246	30.560	313	67.80	223	34.643	430	51.83	46
Dez. 6	7	55.100	333	23.87	217	61.400	489	35.93	204	30.873	331	65.57	224	35.073	451	52.29	102
16	6	55.433	339	21.70	219	61.889	503	33.89	156	31.204	340	63.33	219	35.524	457	53.31	155
26	5	55.772	333	19.51	215	62.392	501	32.33	102	31.544	338	61.14	207	35.981	449	54.86	202
36	5	56.105		17.36		62.893		31.31		31.882		59.07		36.430		56.88	
Mittl. Ort		53.562		34.01		59.964		62.11		29.474		77.92		34.002		57.16	
sec δ, tg δ		1.001		+0.038		1.705		+1.381		1.013		+0.161		1.566		−1.205	

Welt-Zeit		453) ε Corvi AR.		453) ε Corvi Dekl.		454) 4 H. Draconis AR.		454) 4 H. Draconis Dekl.		456) δ Ursae maj. AR.		456) δ Ursae maj. Dekl.		459) β Chamael. AR.		459) β Chamael. Dekl.	
1927	h	$12^h\ 6^m$		$-22°\ 12'$		$12^h\ 8^m$		$+78°\ 0'$		$12^h\ 11^m$		$+57°\ 25'$		$12^h\ 13^m$		$-78°\ 53'$	
Jan. 1	5	21.219	337	36.61	232	47.35	120	65.23	21	48.433	528	65.93	82	61.71	120	58.65	170
11	5	21.556	316	38.93	243	48.55	115	65.02	44	48.961	506	65.11	22	62.91	111	60.35	226
21	4	21.872	286	41.36	247	49.70	107	65.46	107	49.467	468	64.89	38	64.02	99	62.61	273
31	3	22.158	250	43.83	244	50.77	94	66.53	165	49.935	415	65.27	95	65.01	86	65.34	313
Feb. 10	3	22.408	208	46.27	234	51.71	79	68.18	216	50.350	351	66.22	147	65.87	70	68.47	344
20	2	22.616	165	48.61	220	52.50	61	70.34	257	50.701	278	67.69	192	66.57	54	71.91	367
März 2	2	22.781	121	50.81	202	53.11	42	72.91	286	50.979	200	69.61	228	67.11	36	75.58	380
12	1	22.902	80	52.83	181	53.53	22	75.77	304	51.179	123	71.89	252	67.47	19	79.38	385
22	0	22.982	42	54.64	159	53.75	1	78.81	309	51.302	46	74.41	265	67.66	2	83.23	380
Apr. 1	0	23.024	8	56.23	134	53.76	17	81.90	302	51.348	25	77.06	268	67.68	15	87.03	369
10	23	23.032	23	57.57	110	53.59	35	84.92	283	51.323	88	79.74	260	67.53	30	90.72	349
20	22	23.009	47	58.67	85	53.24	51	87.75	253	51.235	142	82.34	242	67.23	45	94.21	322
30	22	22.962	68	59.52	61	52.73	63	90.28	215	51.093	188	84.76	215	66.78	58	97.43	290
Mai 10	21	22.894	86	60.13	36	52.10	74	92.43	171	50.905	223	86.91	181	66.20	71	100.33	250
20	20	22.808	98	60.49	12	51.36	81	94.14	120	50.682	248	88.72	142	65.49	81	102.83	206
30	20	22.710	108	60.61	12	50.55	86	95.34	67	50.434	264	90.14	98	64.68	89	104.89	157
Juni 9	19	22.602	115	60.49	34	49.69	87	96.01	11	50.170	272	91.12	51	63.79	95	106.46	106
19	18	22.487	119	60.15	56	48.82	87	96.12	44	49.898	271	91.63	5	62.84	99	107.52	51
29	18	22.368	118	59.59	76	47.95	84	95.68	98	49.627	262	91.68	44	61.85	100	108.03	5
Juli 9	17	22.250	115	58.83	93	47.11	79	94.70	151	49.365	246	91.24	91	60.85	98	107.98	59
19	16	22.135	106	57.90	107	46.32	72	93.19	199	49.119	225	90.33	135	59.87	94	107.39	113
29	16	22.029	95	56.83	119	45.60	63	91.20	243	48.894	197	88.98	178	58.93	86	106.26	163
Aug. 8	15	21.934	78	55.64	125	44.97	52	88.77	282	48.697	162	87.20	217	58.07	75	104.63	207
18	14	21.856	56	54.39	127	44.45	41	85.95	317	48.535	121	85.03	253	57.32	62	102.56	245
28	14	21.800	28	53.12	122	44.04	28	82.78	343	48.414	76	82.50	284	56.70	46	100.11	274
Sept. 7	13	21.772	5	51.90	113	43.76	13	79.35	364	48.338	23	79.66	309	56.24	27	97.37	294
17	12	21.777	44	50.77	96	43.63	2	75.71	378	48.315	35	76.57	329	55.97	7	94.43	302
27	12	21.821	85	49.81	74	43.65	17	71.93	384	48.350	96	73.28	344	55.90	15	91.41	299
Okt. 7	11	21.906	131	49.07	45	43.82	33	68.09	381	48.446	162	69.84	351	56.05	36	88.42	284
17	10	22.037	177	48.62	13	44.15	49	64.28	371	48.608	230	66.33	351	56.41	57	85.58	257
27	10	22.214	222	48.49	24	44.64	65	60.57	352	48.838	297	62.82	344	56.98	76	83.01	219
Nov. 6	9	22.436	264	48.73	63	45.29	80	57.05	323	49.135	362	59.38	327	57.74	93	80.82	172
16	8	22.700	299	49.36	102	46.09	94	53.82	286	49.497	420	56.11	301	58.67	107	79.10	116
26	8	22.999	327	50.38	139	47.03	105	50.96	240	49.917	470	53.10	268	59.74	117	77.94	55
Dez. 6	7	23.326	346	51.77	173	48.08	114	48.56	187	50.387	507	50.42	225	60.91	124	77.39	9
16	6	23.672	352	53.50	201	49.22	119	46.69	127	50.894	529	48.17	176	62.15	125	77.48	73
26	6	24.024	349	55.51	224	50.41	122	45.42	64	51.423	535	46.41	120	63.40	123	78.21	136
36	5	24.373		57.75		51.63		44.78		51.958		45.21		64.63		79.57	
Mittl. Ort		22.016		49.68		48.00		78.64		49.317		77.06		61.67		85.07	
sec δ, tg δ		1.080		−0.408		4.818		+4.713		1.858		+1.566		5.197		−5.100	

Welt-Zeit		460) η Virginis				462) α Crucis med.				466) 20 Comae				465) δ Corvi			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927		12ʰ 16ᵐ		−0° 15′		12ʰ 22ᵐ		−62° 41′		12ʰ 26ᵐ		+21° 17′		12ʰ 26ᵐ		−16° 6′	
	ʰ	ˢ		″		ˢ		″		ˢ		″		ˢ		″	
Jan. 1	6	9.321	326	35.04	211	31.02	57	18.08	191	2.360	348	58.53	182	4.114	336	21.98	222
11	5	9.647	309	37.15	200	31.59	54	19.99	238	2.708	333	56.71	148	4.450	318	24.20	228
21	4	9.956	284	39.15	181	32.13	49	22.37	278	3.041	308	55.23	109	4.768	293	26.48	226
31	4	10.240	251	40.96	159	32.62	42	25.15	310	3.349	276	54.14	69	5.061	260	28.74	219
Feb. 10	3	10.491	213	42.55	133	33.04	36	28.25	334	3.625	237	53.45	28	5.321	223	30.93	205
20	2	10.704	172	43.88	105	33.40	29	31.59	349	3.862	195	53.17	11	5.544	182	32.98	189
März 2	2	10.876	131	44.93	78	33.69	21	35.08	355	4.057	150	53.28	47	5.726	141	34.87	168
12	1	11.007	91	45.71	51	33.90	13	38.63	353	4.207	106	53.75	77	5.867	101	36.55	146
22	0	11.098	54	46.22	27	34.03	7	42.16	345	4.313	65	54.52	102	5.968	64	38.01	123
Apr. 1	0	11.152	20	46.49	5	34.10	1	45.61	329	4.378	27	55.54	120	6.032	30	39.24	101
10	23	11.172	8	46.54	15	34.09	7	48.90	307	4.405	6	56.74	132	6.062	0	40.25	78
20	22	11.164	32	46.39	29	34.02	13	51.97	279	4.399	35	58.06	136	6.062	25	41.03	56
30	22	11.132	53	46.10	41	33.89	18	54.76	246	4.364	58	59.42	134	6.037	47	41.59	36
Mai 10	21	11.079	69	45.69	51	33.71	23	57.22	208	4.306	77	60.76	128	5.990	66	41.95	16
20	20	11.010	81	45.18	57	33.48	27	59.30	167	4.229	92	62.04	117	5.924	81	42.11	3
30	20	10.929	90	44.61	61	33.21	31	60.97	121	4.137	103	63.21	101	5.843	93	42.08	20
Juni 9	19	10.839	96	44.00	64	32.90	33	62.18	74	4.034	110	64.22	83	5.750	102	41.88	37
19	18	10.743	99	43.36	64	32.57	34	62.92	25	3.924	113	65.05	62	5.648	108	41.51	52
29	18	10.644	100	42.72	62	32.23	36	63.17	24	3.811	114	65.67	40	5.540	111	40.99	65
Juli 9	17	10.544	97	42.10	58	31.87	35	62.93	73	3.697	111	66.07	16	5.429	111	40.34	77
19	16	10.447	91	41.52	53	31.52	34	62.20	119	3.586	105	66.23	8	5.318	106	39.57	86
29	16	10.356	81	40.99	45	31.18	32	61.01	162	3.481	94	66.15	33	5.212	98	38.71	92
Aug. 8	15	10.275	67	40.54	35	30.86	28	59.39	200	3.387	80	65.82	59	5.114	84	37.79	95
18	14	10.208	49	40.19	22	30.58	22	57.39	230	3.307	61	65.23	85	5.030	66	36.84	93
28	14	10.159	25	39.97	6	30.36	16	55.09	253	3.246	37	64.38	111	4.964	41	35.91	88
Sept. 7	13	10.134	3	39.91	12	30.20	10	52.56	266	3.209	8	63.27	136	4.923	11	35.03	76
17	12	10.137	37	40.03	33	30.10	1	49.90	269	3.201	26	61.91	161	4.912	24	34.27	59
27	12	10.174	74	40.36	58	30.09	8	47.21	262	3.227	65	60.30	185	4.936	64	33.68	38
Okt. 7	11	10.248	116	40.94	84	30.17	17	44.59	243	3.292	106	58.45	207	5.000	108	33.30	12
17	10	10.364	158	41.78	110	30.34	26	42.16	214	3.398	151	56.38	226	5.108	154	33.18	18
27	10	10.522	200	42.88	137	30.60	35	40.02	176	3.549	196	54.12	242	5.262	199	33.36	51
Nov. 6	9	10.722	240	44.25	162	30.95	43	38.26	127	3.745	239	51.70	252	5.461	242	33.87	85
16	9	10.962	276	45.87	184	31.38	50	36.99	73	3.984	279	49.18	256	5.703	280	34.72	119
26	8	11.238	305	47.71	202	31.88	55	36.26	16	4.263	311	46.62	254	5.983	310	35.91	150
Dez. 6	7	11.543	325	49.73	214	32.43	58	36.10	45	4.574	336	44.08	245	6.293	332	37.41	179
16	7	11.868	335	51.87	220	33.01	59	36.55	104	4.910	350	41.63	227	6.625	343	39.20	201
26	6	12.203	336	54.07	218	33.60	59	37.59	160	5.260	354	39.36	203	6.968	344	41.21	218
36	5	12.539		56.25		34.19		39.19		5.614		37.33		7.312		43.39	
Mittl. Ort		10.226		40.50		31.75		42.34		3.341		60.44		5.061		33.11	
sec δ, tg δ		1.000		—0.005		2.180		—1.937		1.073		+0.390		1.041		—0.289	

Welt-Zeit		470) 8 Canum ven. AR.		470) Dekl.		472) ϰ Draconis AR.		472) Dekl.		471) β Corvi AR.		471) Dekl.		473) 24 Comae sq. AR.		473) Dekl.	
1927		12ʰ 30ᵐ		+41° 44′		12ʰ 30ᵐ		+70° 10′		12ʰ 30ᵐ		−22° 59′		12ʰ 31ᵐ		+18° 46′	
Jan. 1	6ʰ	15.809ˢ	408	66.03″	143	21.56ˢ	78	72.62″	73	31.916ˢ	346	22.26″	220	27.170ˢ	344	42.28″	189
11	5	16.217	394	64.60	91	22.34	76	71.89	8	32.262	328	24.46	234	27.514	330	40.39	157
21	5	16.611	368	63.69	37	23.10	71	71.81	57	32.590	304	26.80	239	27.844	307	38.82	121
31	4	16.979	331	63.32	17	23.81	64	72.38	118	32.894	270	29.19	238	28.151	275	37.61	82
Feb. 10	3	17.310	285	63.49	67	24.45	55	73.56	174	33.164	231	31.57	232	28.426	238	36.79	43
20	3	17.595	234	64.16	114	25.00	45	75.30	221	33.395	191	33.89	220	28.664	197	36.36	4
März 2	2	17.829	179	65.30	153	25.45	33	77.51	257	33.586	149	36.09	203	28.861	154	36.32	31
12	1	18.008	124	66.83	184	25.78	21	80.08	284	33.735	108	38.12	185	29.015	111	36.63	62
22	1	18.132	70	68.67	207	25.99	9	82.92	297	33.843	70	39.97	163	29.126	70	37.25	88
Apr. 1	0	18.202	21	70.74	219	26.08	2	85.89	299	33.913	34	41.60	141	29.196	33	38.13	107
10	23	18.223	24	72.93	223	26.06	14	88.88	289	33.947	4	43.01	118	29.229	1	39.20	120
20	23	18.199	63	75.16	216	25.92	23	91.77	267	33.951	24	44.19	94	29.230	28	40.40	126
30	22	18.136	96	77.32	202	25.69	32	94.44	238	33.927	47	45.13	71	29.202	52	41.66	127
Mai 10	21	18.040	122	79.34	180	25.37	38	96.82	199	33.880	68	45.84	48	29.150	71	42.93	122
20	21	17.918	142	81.14	154	24.99	44	98.81	155	33.812	84	46.32	24	29.079	86	44.15	114
30	20	17.776	157	82.68	121	24.55	47	100.36	106	33.728	98	46.56	2	28.993	97	45.29	100
Juni 9	19	17.619	166	83.89	87	24.08	50	101.42	54	33.630	109	46.58	20	28.896	105	46.29	84
19	19	17.453	171	84.76	49	23.58	50	101.96	0	33.521	116	46.38	42	28.791	110	47.13	66
29	18	17.282	170	85.25	9	23.08	49	101.96	52	33.405	121	45.96	62	28.681	111	47.79	46
Juli 9	17	17.112	164	85.34	30	22.59	48	101.44	105	33.284	121	45.34	80	28.570	110	48.25	24
19	17	16.948	155	85.04	68	22.11	44	100.39	154	33.163	118	44.54	95	28.460	105	48.49	1
29	16	16.793	140	84.36	107	21.67	40	98.85	201	33.045	109	43.59	108	28.355	96	48.50	22
Aug. 8	15	16.653	120	83.29	144	21.27	35	96.84	244	32.936	96	42.51	116	28.259	82	48.28	46
18	15	16.533	96	81.85	178	20.92	28	94.40	282	32.840	77	41.35	120	28.177	64	47.82	72
28	14	16.437	65	80.07	210	20.64	21	91.58	315	32.763	51	40.15	118	28.113	41	47.10	96
Sept. 7	13	16.372	30	77.97	240	20.43	13	88.43	341	32.712	19	38.97	112	28.072	13	46.14	122
17	13	16.342	12	75.57	265	20.30	4	85.02	361	32.693	18	37.85	98	28.059	21	44.92	146
27	12	16.354	57	72.92	286	20.26	5	81.41	375	32.711	60	36.87	79	28.080	58	43.46	171
Okt. 7	11	16.411	107	70.06	303	20.31	16	77.66	381	32.771	107	36.08	53	28.138	100	41.75	193
17	11	16.518	160	67.03	313	20.47	26	73.85	378	32.878	154	35.55	23	28.238	144	39.82	214
27	10	16.678	213	63.90	318	20.73	37	70.07	366	33.032	202	35.32	11	28.382	189	37.68	231
Nov. 6	9	16.891	265	60.72	314	21.10	47	66.41	346	33.234	247	35.43	49	28.571	233	35.37	244
16	9	17.156	312	57.58	302	21.57	56	62.95	316	33.481	287	35.92	86	28.804	271	32.93	250
26	8	17.468	353	54.56	283	22.13	64	59.79	277	33.768	318	36.78	123	29.075	305	30.43	251
Dez. 6	8	17.821	384	51.73	254	22.77	71	57.02	230	34.086	342	38.01	158	29.380	330	27.92	244
16	7	18.205	405	49.19	218	23.48	76	54.72	175	34.428	353	39.59	187	29.710	346	25.48	230
26	6	18.610	413	47.01	175	24.24	77	52.97	114	34.781	354	41.46	211	30.056	350	23.18	208
36	6	19.023		45.26		25.01		51.83		35.135		43.57		30.406		21.10	
Mittl. Ort		16.826		73.85		22.61		85.49		32.885		35.76		28.179		43.35	
sec δ, tg δ		1.340		+0.893		2.951		+2.776		1.086		−0.424		1.056		+0.340	

Welt-Zeit		474) α Muscae AR.		Dekl.		476) γ Centauri AR.		Dekl.		478) 76 Ursae maj. AR.		Dekl.		481) β Crucis AR.		Dekl.	
1927		$12^h\ 32^m$		$-68°\ 43'$		$12^h\ 37^m$		$-48°\ 33'$		$12^h\ 38^m$		$+63°\ 6'$		$12^h\ 43^m$		$-59°\ 17'$	
Jan. 1	6^h	$47^s.88$	70	$35''.88$	167	$27^s.853$	437	$11''.69$	195	$21^s.90$	60	$37''.06$	101	$25^s.452$	538	$0''.32$	171
11	5	48.58	67	37.55	218	28.290	417	13.64	233	22.50	60	36.05	39	25.990	514	2.03	218
21	5	49.25	61	39.73	264	28.707	384	15.97	264	23.10	56	35.66	25	26.504	475	4.21	257
31	4	49.86	54	42.37	300	29.091	342	18.61	287	23.66	51	35.91	87	26.979	426	6.78	290
Feb. 10	3	50.40	46	45.37	330	29.433	295	21.48	302	24.17	44	36.78	143	27.405	368	9.68	314
20	3	50.86	37	48.67	350	29.728	242	24.50	310	24.61	36	38.21	193	27.773	304	12.82	330
März 2	2	51.23	28	52.17	362	29.970	190	27.60	310	24.97	28	40.14	234	28.077	239	16.12	338
12	1	51.51	19	55.79	365	30.160	136	30.70	304	25.25	19	42.48	262	28.316	172	19.50	339
22	1	51.70	10	59.44	360	30.296	85	33.74	292	25.44	10	45.10	281	28.488	108	22.89	332
Apr. 1	0	51.80	0	63.04	349	30.381	38	36.66	276	25.54	1	47.91	287	28.596	45	26.21	319
10	23	51.80	8	66.53	331	30.419	6	39.42	253	25.55	7	50.78	282	28.641	13	29.40	300
20	23	51.72	15	69.84	305	30.413	47	41.95	227	25.48	14	53.60	267	28.628	68	32.40	276
30	22	51.57	23	72.89	274	30.366	83	44.22	197	25.34	20	56.27	241	28.560	118	35.16	246
Mai 10	21	51.34	29	75.63	237	30.283	115	46.19	165	25.14	25	58.68	208	28.442	163	37.62	212
20	21	51.05	34	78.00	196	30.168	144	47.84	128	24.89	30	60.76	167	28.279	204	39.74	174
30	20	50.71	40	79.96	151	30.024	168	49.12	91	24.59	32	62.43	123	28.075	239	41.48	132
Juni 9	19	50.31	43	81.47	103	29.856	188	50.03	51	24.27	34	63.66	75	27.836	268	42.80	87
19	19	49.88	46	82.50	51	29.668	202	50.54	10	23.93	35	64.41	24	27.568	290	43.67	42
29	18	49.42	48	83.01	0	29.466	212	50.64	30	23.58	35	64.65	27	27.278	304	44.09	5
Juli 9	17	48.94	48	83.01	52	29.254	214	50.34	70	23.23	34	64.38	77	26.974	309	44.04	52
19	17	48.46	46	82.49	101	29.040	210	49.64	108	22.89	32	63.61	126	26.665	305	43.52	97
29	16	48.00	43	81.48	149	28.830	198	48.56	141	22.57	29	62.35	172	26.360	288	42.55	139
Aug. 8	15	47.57	39	79.99	190	28.632	178	47.15	171	22.28	26	60.63	216	26.072	262	41.16	176
18	15	47.18	33	78.09	227	28.454	148	45.44	195	22.02	21	58.47	255	25.810	223	39.40	209
28	14	46.85	25	75.82	255	28.306	111	43.49	211	21.81	16	55.92	290	25.587	172	37.31	233
Sept. 7	13	46.60	16	73.27	273	28.195	63	41.38	220	21.65	10	53.02	319	25.415	111	34.98	248
17	13	46.44	5	70.54	282	28.132	10	39.18	219	21.55	4	49.83	343	25.304	40	32.50	255
27	12	46.39	6	67.72	279	28.122	52	36.99	210	21.51	4	46.40	360	25.264	39	29.95	251
Okt. 7	11	46.45	17	64.93	265	28.174	116	34.89	190	21.55	11	42.80	370	25.303	123	27.44	236
17	11	46.62	29	62.28	240	28.290	182	32.99	161	21.66	20	39.10	372	25.426	208	25.08	211
27	10	46.91	41	59.88	204	28.472	247	31.38	125	21.86	28	35.38	366	25.634	290	22.97	176
Nov. 6	9	47.32	50	57.84	159	28.719	308	30.13	81	22.14	36	31.72	350	25.924	368	21.21	132
16	9	47.82	59	56.25	106	29.027	360	29.32	32	22.50	43	28.22	326	26.292	435	19.89	82
26	8	48.41	66	55.19	48	29.387	402	29.00	19	22.93	50	24.96	292	26.727	488	19.07	28
Dez. 6	8	49.07	70	54.71	13	29.789	432	29.19	72	23.43	55	22.04	249	27.215	526	18.79	30
16	7	49.77	72	54.84	75	30.221	447	29.91	123	23.98	59	19.55	199	27.741	547	19.09	87
26	6	50.49	72	55.59	133	30.668	448	31.14	170	24.57	61	17.56	142	28.288	549	19.96	141
36	6	51.21		56.92		31.116		32.84		25.18		16.14		28.837		21.37	
Mittl. Ort		48.75		61.22		28.854		32.90		23.01		49.08		26.529		24.00	
sec δ, tg δ		2.757		−2.569		1.511		−1.133		2.211		+1.972		1.958		−1.683	

Welt-Zeit		482) *n* Centauri				483) ε Ursae maj.				484) ι Virginis				486) 8 Draconis			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927		12h 49m		−39° 46′		12h 50m		+56° 20′		12h 51m		+3° 47′		12h 52m		+65° 49′	
	h	s		″		s		″		s		″		s		″	
Jan. 1	6	22.013	397	37.55	195	48.207	513	69.83	133	54.409	331	41.58	211	33.25	66	50.85	114
11	5	22.410	381	39.50	226	48.720	505	68.50	73	54.740	321	39.47	195	33.91	64	49.71	50
21	5	22.791	354	41.76	249	49.225	481	67.77	11	55.061	301	37.52	174	34.55	62	49.21	15
31	4	23.145	321	44.25	266	49.706	441	67.66	50	55.362	274	35.78	148	35.17	57	49.36	79
Feb. 10	4	23.466	279	46.91	275	50.147	388	68.16	108	55.636	241	34.30	118	35.74	51	50.15	137
20	3	23.745	235	49.66	277	50.535	325	69.24	160	55.877	203	33.12	87	36.25	42	51.52	190
März 2	2	23.980	188	52.43	274	50.860	257	70.84	203	56.080	165	32.25	57	36.67	33	53.42	232
12	2	24.168	143	55.17	265	51.117	185	72.87	236	56.245	126	31.68	28	37.00	23	55.74	265
22	1	24.311	99	57.82	251	51.302	111	75.23	260	56.371	90	31.40	2	37.23	13	58.39	285
Apr. 1	0	24.410	58	60.33	234	51.413	42	77.83	272	56.461	55	31.38	21	37.36	4	61.24	294
11	0	24.468	20	62.67	212	51.455	22	80.55	272	56.516	25	31.59	39	37.40	5	64.18	292
20	23	24.488	16	64.79	188	51.433	82	83.27	262	56.541	2	31.98	54	37.35	14	67.10	277
30	22	24.472	47	66.67	161	51.351	133	85.89	243	56.539	26	32.52	65	37.21	21	69.87	253
Mai 10	22	24.425	75	68.28	132	51.218	176	88.32	216	56.513	46	33.17	71	37.00	27	72.40	221
20	21	24.350	100	69.60	102	51.042	210	90.48	180	56.467	63	33.88	73	36.73	32	74.61	182
30	20	24.250	122	70.62	69	50.832	237	92.28	141	56.404	78	34.61	74	36.41	36	76.43	137
Juni 9	20	24.128	140	71.31	35	50.595	255	93.69	96	56.326	89	35.35	72	36.05	38	77.80	87
19	19	23.988	155	71.66	2	50.340	266	94.65	50	56.237	97	36.07	67	35.67	40	78.67	37
29	18	23.833	165	71.68	32	50.074	269	95.15	2	56.140	103	36.74	61	35.27	41	79.04	15
Juli 9	18	23.668	170	71.36	64	49.805	265	95.17	47	56.037	106	37.35	53	34.86	39	78.89	67
19	17	23.498	169	70.72	95	49.540	255	94.70	94	55.931	106	37.88	42	34.47	38	78.22	118
29	16	23.329	163	69.77	123	49.285	237	93.76	140	55.825	100	38.30	30	34.09	35	77.04	166
Aug. 8	16	23.166	148	68.54	147	49.048	212	92.36	183	55.725	91	38.60	17	33.74	32	75.38	211
18	15	23.018	126	67.07	165	48.836	181	90.53	223	55.634	77	38.77	1	33.42	28	73.27	252
28	14	22.892	96	65.42	177	48.655	141	88.30	260	55.557	57	38.78	16	33.14	22	70.75	289
Sept. 7	14	22.796	58	63.65	183	48.514	95	85.70	292	55.500	31	38.62	37	32.92	15	67.86	321
17	13	22.738	13	61.82	179	48.419	41	82.78	318	55.469	0	38.25	58	32.77	8	64.65	345
27	12	22.725	38	60.03	169	48.378	17	79.60	341	55.469	37	37.67	82	32.69	0	61.20	365
Okt. 7	12	22.763	94	58.34	149	48.395	82	76.19	354	55.506	78	36.85	107	32.69	8	57.55	376
17	11	22.857	152	56.85	121	48.477	151	72.65	362	55.584	122	35.78	132	32.77	17	53.79	380
27	10	23.009	210	55.64	87	48.628	220	69.03	362	55.706	167	34.46	157	32.94	26	49.99	375
Nov. 6	10	23.219	265	54.77	47	48.848	289	65.41	352	55.873	210	32.89	179	33.20	35	46.24	361
16	9	23.484	314	54.30	3	49.137	354	61.89	334	56.083	251	31.10	199	33.55	44	42.63	338
26	8	23.798	354	54.27	44	49.491	412	58.55	306	56.334	285	29.11	213	33.99	51	39.25	304
Dez. 6	8	24.152	383	54.71	90	49.903	460	55.49	269	56.619	312	26.98	222	34.50	58	36.21	262
16	7	24.535	400	55.61	134	50.363	493	52.80	224	56.931	329	24.76	225	35.08	62	33.59	212
26	6	24.935	404	56.95	174	50.856	512	50.56	171	57.260	335	22.51	219	35.70	65	31.47	154
36	6	25.339		58.69		51.368		48.85		57.595		20.32		36.35		29.93	
Mittl. Ort		23.133		56.37		49.393		80.73		55.527		37.48		34.51		63.16	
sec δ, tg δ		1.301		−0.833		1.805		+1.503		1.002		+0.066		2.443		+2.229	

Welt-Zeit		485) 12 Can. ven. sq.				488) ε Virginis				490) ϑ Virginis				492) 43 Comae			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927		$12^h\ 52^m$		+38° 42′		$12^h\ 58^m$		+11° 20′		$13^h\ 6^m$		−5° 8′		$13^h\ 8^m$		+28° 14′	
Jan. 1	6^h	$35^s.820$	394	37″.20	170	$31^s.425$	335	65″.62	208	$8^s.887$	333	51″.75	212	$26^s.888$	359	48″.05	196
11	5	36.214	387	35.50	121	31.760	327	63.54	184	9.220	324	53.87	206	27.247	354	46.09	156
21	5	36.601	366	34.29	69	32.087	309	61.70	155	9.544	307	55.93	195	27.601	337	44.53	111
31	4	36.967	334	33.60	15	32.396	282	60.15	122	9.851	281	57.88	177	27.938	312	43.42	63
Feb. 10	4	37.301	295	33.45	37	32.678	250	58.93	86	10.132	251	59.65	156	28.250	278	42.79	16
20	3	37.596	250	33.82	86	32.928	213	58.07	50	10.383	215	61.21	132	28.528	239	42.63	31
März 2	2	37.846	199	34.68	128	33.141	174	57.57	16	10.598	178	62.53	106	28.767	196	42.94	73
12	2	38.045	148	35.96	164	33.315	135	57.41	16	10.776	141	63.59	80	28.963	153	43.67	109
22	1	38.193	98	37.60	190	33.450	96	57.57	43	10.917	105	64.39	55	29.116	110	44.76	140
Apr. 1	0	38.291	51	39.50	208	33.546	62	58.00	67	11.022	72	64.94	33	29.226	69	46.16	161
11	0	38.342	7	41.58	216	33.608	29	58.67	83	11.094	41	65.27	12	29.295	31	47.77	176
20	23	38.349	32	43.74	216	33.637	1	59.50	96	11.135	14	65.39	5	29.326	3	49.53	182
30	22	38.317	65	45.90	206	33.638	24	60.46	102	11.149	11	65.34	19	29.323	33	51.35	180
Mai 10	22	38.252	94	47.96	189	33.614	45	61.48	104	11.138	32	65.15	32	29.290	59	53.15	172
20	21	38.158	117	49.85	167	33.569	64	62.52	101	11.106	51	64.83	41	29.231	81	54.87	158
30	20	38.041	135	51.52	138	33.505	78	63.53	96	11.055	68	64.42	48	29.150	99	56.45	138
Juni 9	20	37.906	148	52.90	106	33.427	91	64.49	86	10.987	82	63.94	53	29.051	114	57.83	115
19	19	37.758	158	53.96	71	33.336	100	65.35	74	10.905	93	63.41	57	28.937	126	58.98	88
29	18	37.600	161	54.67	33	33.236	107	66.09	61	10.812	102	62.84	59	28.811	133	59.86	59
Juli 9	18	37.439	161	55.00	6	33.129	110	66.70	45	10.710	108	62.25	59	28.678	137	60.45	28
19	17	37.278	157	54.94	43	33.019	110	67.15	27	10.602	110	61.66	57	28.541	137	60.73	3
29	16	37.121	147	54.51	82	32.909	106	67.42	9	10.492	107	61.09	53	28.404	132	60.70	36
Aug. 8	16	36.974	133	53.69	118	32.803	97	67.51	10	10.385	101	60.56	47	28.272	123	60.34	68
18	15	36.841	112	52.51	154	32.706	83	67.41	32	10.284	88	60.09	39	28.149	108	59.66	100
28	14	36.729	86	50.97	188	32.623	64	67.09	54	10.196	69	59.70	27	28.041	87	58.66	131
Sept. 7	14	36.643	54	49.09	219	32.559	38	66.55	77	10.127	43	59.43	12	27.954	60	57.35	162
17	13	36.589	16	46.90	248	32.521	7	65.78	102	10.084	13	59.31	7	27.894	27	55.73	190
27	12	36.573	28	44.42	271	32.514	30	64.76	127	10.071	24	59.38	27	27.867	12	53.83	216
Okt. 7	12	36.601	75	41.71	293	32.544	70	63.49	151	10.095	66	59.65	52	27.879	55	51.67	241
17	11	36.676	127	38.78	307	32.614	115	61.98	175	10.161	110	60.17	78	27.934	103	49.26	261
27	10	36.803	181	35.71	316	32.729	160	60.23	197	10.271	157	60.95	104	28.037	152	46.65	276
Nov. 6	10	36.984	232	32.55	317	32.889	205	58.26	215	10.428	202	61.99	132	28.189	202	43.89	285
16	9	37.216	282	29.38	311	33.094	247	56.11	229	10.630	244	63.31	156	28.391	247	41.04	289
26	8	37.498	325	26.27	296	33.341	283	53.82	238	10.874	280	64.87	179	28.638	288	38.15	284
Dez. 6	8	37.823	359	23.31	272	33.624	311	51.44	240	11.154	309	66.66	197	28.926	322	35.31	270
16	7	38.182	384	20.59	241	33.935	330	49.04	234	11.463	327	68.63	208	29.248	347	32.61	249
26	6	38.566	396	18.18	201	34.265	338	46.70	221	11.790	336	70.71	214	29.595	359	30.12	220
36	6	38.962		16.17		34.603		44.49		12.126		72.85		29.954		27.92	
Mittl. Ort		36.969		44.19		32.581		64.15		10.091		59.01		28.112		52.02	
sec δ, tg δ		1.282		+0.802		1.020		+0.201		1.004		−0.090		1.135		+0.537	

Welt-Zeit		495) γ Hydrae AR.		495) γ Hydrae Dekl.		496) ι Centauri AR.		496) ι Centauri Dekl.	
1927	h	13h 14m		−22° 46′		13h 16m		−36° 19′	
Jan. 1	7	55.644	352	59.73	196	27.788	387	22.35	175
11	6	55.996	344	61.69	210	28.175	378	24.10	204
21	5	56.340	326	63.79	218	28.553	359	26.14	225
31	5	56.666	301	65.97	219	28.912	330	28.39	242
Feb. 10	4	56.967	268	68.16	215	29.242	296	30.81	249
20	3	57.235	233	70.31	205	29.538	256	33.30	252
März 2	3	57.468	196	72.36	192	29.794	215	35.82	250
12	2	57.664	157	74.28	176	30.009	173	38.32	241
22	1	57.821	121	76.04	158	30.182	132	40.73	229
Apr. 1	1	57.942	86	77.62	138	30.314	93	43.02	213
11	0	58.028	53	79.00	118	30.407	56	45.15	195
20	23	58.081	24	80.18	98	30.463	21	47.10	175
30	23	58.105	4	81.16	77	30.484	11	48.85	151
Mai 10	22	58.101	29	81.93	58	30.473	41	50.36	127
20	21	58.072	50	82.51	37	30.432	67	51.63	100
30	21	58.022	71	82.88	18	30.365	92	52.63	73
Juni 9	20	57.951	89	83.06	1	30.273	114	53.36	44
19	19	57.862	104	83.05	21	30.159	133	53.80	14
29	19	57.758	116	82.84	38	30.026	148	53.94	15
Juli 9	18	57.642	125	82.46	55	29.878	158	53.79	44
19	17	57.517	129	81.91	71	29.720	162	53.35	72
29	17	57.388	128	81.20	84	29.558	162	52.63	98
Aug. 8	16	57.260	121	80.36	94	29.396	154	51.65	119
18	15	57.139	109	79.42	100	29.242	138	50.46	138
28	15	57.030	88	78.42	102	29.104	114	49.08	151
Sept. 7	14	56.942	60	77.40	99	28.990	81	47.57	157
17	13	56.882	27	76.41	90	28.909	40	46.00	156
27	13	56.855	14	75.51	76	28.869	6	44.44	149
Okt. 7	12	56.869	61	74.75	56	28.875	59	42.95	133
17	11	56.930	109	74.19	31	28.934	116	41.62	109
27	11	57.039	160	73.88	2	29.050	174	40.53	80
Nov. 6	10	57.199	210	73.86	32	29.224	229	39.73	44
16	10	57.409	255	74.18	65	29.453	280	39.29	5
26	9	57.664	294	74.83	100	29.733	324	39.24	38
Dez. 6	8	57.958	324	75.83	133	30.057	357	39.62	79
16	8	58.282	346	77.16	161	30.414	380	40.41	119
26	7	58.628	355	78.77	186	30.794	391	41.60	157
36	6	58.983		80.63		31.185		43.17	
Mittl. Ort		56.934		73.04		29.141		39.93	
sec δ, tg δ		1.085		—0.420		1.241		— 0.735	

Welt-Zeit		497) ζ Ursae maj. pr. AR.		497) ζ Ursae maj. pr. Dekl.		498) α Virginis AR.		498) α Virginis Dekl.	
1927	h	13h 20m		+55° 17′		13h 21m		−10° 46′	
Jan. 1	7	57.986	493	71.79	172	19.357	335	41.72	205
11	6	58.479	495	70.07	112	19.692	330	43.77	207
21	5	58.974	481	68.95	50	20.022	315	45.84	201
31	5	59.455	451	68.45	14	20.337	292	47.85	190
Feb. 10	4	59.906	408	68.59	74	20.629	262	49.75	174
20	3	60.314	355	69.33	130	20.891	229	51.49	155
März 2	3	60.669	293	70.63	180	21.120	193	53.04	133
12	2	60.962	227	72.43	219	21.313	157	54.37	111
22	1	61.189	159	74.62	250	21.470	122	55.48	87
Apr. 1	1	61.348	91	77.12	268	21.592	89	56.35	66
11	0	61.439	27	79.80	276	21.681	58	57.01	46
20	23	61.466	33	82.56	273	21.739	29	57.47	27
30	23	61.433	87	85.29	260	21.768	4	57.74	11
Mai 10	22	61.346	134	87.89	238	21.772	20	57.85	4
20	21	61.212	175	90.27	208	21.752	41	57.81	17
30	21	61.037	209	92.35	172	21.711	59	57.64	27
Juni 9	20	60.828	233	94.07	130	21.652	77	57.37	37
19	19	60.595	254	95.37	85	21.575	91	57.00	45
29	19	60.341	265	96.22	38	21.484	103	56.55	51
Juli 9	18	60.076	270	96.60	11	21.381	111	56.04	57
19	17	59.806	268	96.49	59	21.270	116	55.47	60
29	17	59.538	259	95.90	106	21.154	117	54.87	62
Aug. 8	16	59.279	241	94.84	152	21.037	111	54.25	61
18	15	59.038	217	93.32	196	20.926	100	53.64	57
28	15	58.821	184	91.36	235	20.826	84	53.07	50
Sept. 7	14	58.637	144	89.01	272	20.742	59	52.57	39
17	13	58.493	95	86.29	304	20.683	27	52.18	25
27	13	58.398	39	83.25	330	20.656	9	51.93	6
Okt. 7	12	58.359	23	79.95	350	20.665	51	51.87	16
17	11	58.382	91	76.45	363	20.716	98	52.03	41
27	11	58.473	160	72.82	369	20.814	145	52.44	69
Nov. 6	10	58.633	232	69.13	365	20.959	192	53.13	97
16	10	58.865	300	65.48	353	21.151	236	54.10	125
26	9	59.165	363	61.95	330	21.387	275	55.35	151
Dez. 6	8	59.528	417	58.65	299	21.662	305	56.86	174
16	8	59.945	458	55.66	257	21.967	327	58.60	191
26	7	60.403	486	53.09	208	22.294	338	60.51	203
36	6	60.889		51.01		22.632		62.54	
Mittl. Ort		59.393		82.27		20.662		50.88	
sec δ, tg δ		1.757		+1.444		1.018		—0.190	

Welt-Zeit		499) Grb 2001 AR.		499) Dekl.		500) 69 H. Urs. maj AR.		500) Dekl.		501) ζ Virginis AR.		501) Dekl.		502) 17 H. Can. ven. AR.		502) Dekl.	
1927	h	13h 24m s		+72° 45′ "		13h 25m s		+60° 18′ "		13h 30m s		−0° 13′ "		13h 31m s		+37° 32′ "	
Jan. 1	7	14.46	84	60.16	141	45.01	55	69.59	168	56.962	330	18.37	211	30.957	383	74.74	206
11	6	15.30	86	58.75	75	45.56	55	67.91	106	57.292	326	20.48	202	31.340	384	72.68	160
21	5	16.16	84	58.00	9	46.11	54	66.85	42	57.618	313	22.50	184	31.724	373	71.08	107
31	5	17.00	79	57.91	58	46.65	51	66.43	23	57.931	293	24.34	163	32.097	350	70.01	52
Feb. 10	4	17.79	72	58.49	121	47.16	47	66.66	85	58.224	265	25.97	137	32.447	319	69.49	3
20	3	18.51	63	59.70	177	47.63	40	67.51	142	58.489	234	27.34	109	32.766	281	69.52	55
März 2	3	19.14	52	61.47	226	48.03	33	68.93	192	58.723	199	28.43	80	33.047	237	70.07	103
12	2	19.66	39	63.73	263	48.36	26	70.85	233	58.922	163	29.23	51	33.284	191	71.10	144
22	1	20.05	26	66.36	290	48.62	18	73.18	263	59.085	129	29.74	24	33.475	144	72.54	178
Apr. 1	1	20.31	12	69.26	304	48.80	10	75.81	282	59.214	96	29.98	1	33.619	97	74.32	203
11	0	20.43	0	72.30	307	48.90	3	78.63	289	59.310	64	29.99	19	33.716	54	76.35	218
21	0	20.43	13	75.37	297	48.93	4	81.52	284	59.374	36	29.80	36	33.770	14	78.53	224
30	23	20.30	25	78.34	276	48.89	11	84.36	271	59.410	10	29.44	49	33.784	23	80.77	220
Mai 10	22	20.05	34	81.10	247	48.78	16	87.07	246	59.420	14	28.95	58	33.761	56	82.97	209
20	22	19.71	43	83.57	210	48.62	22	89.53	214	59.406	35	28.37	64	33.705	85	85.06	191
30	21	19.28	50	85.67	166	48.40	25	91.67	176	59.371	55	27.73	67	33.620	109	86.97	167
Juni 9	20	18.78	56	87.33	117	48.15	28	93.43	133	59.316	72	27.06	67	33.511	130	88.64	138
19	20	18.22	59	88.50	65	47.87	31	94.76	86	59.244	87	26.39	66	33.381	147	90.02	104
29	19	17.63	61	89.15	12	47.56	32	95.62	36	59.157	99	25.73	62	33.234	159	91.06	68
Juli 9	18	17.02	61	89.27	42	47.24	33	95.98	15	59.058	108	25.11	56	33.075	166	91.74	30
19	18	16.41	61	88.85	96	46.91	33	95.83	65	58.950	115	24.55	50	32.909	170	92.04	9
29	17	15.80	59	87.89	147	46.58	31	95.18	114	58.835	116	24.05	41	32.739	167	91.95	48
Aug. 8	16	15.21	54	86.42	196	46.27	30	94.04	162	58.719	113	23.64	30	32.572	160	91.47	88
18	16	14.67	49	84.46	240	45.97	27	92.42	207	58.606	103	23.34	18	32.412	147	90.59	126
28	15	14.18	42	82.06	281	45.70	23	90.35	247	58.503	87	23.16	3	32.265	126	89.33	163
Sept. 7	14	13.76	35	79.25	317	45.47	18	87.88	284	58.416	66	23.13	15	32.139	98	87.70	197
17	14	13.41	25	76.08	346	45.29	13	85.04	316	58.350	36	23.28	34	32.041	65	85.73	230
27	13	13.16	14	72.62	368	45.16	7	81.88	343	58.314	1	23.62	56	31.976	23	83.43	259
Okt. 7	12	13.02	3	68.94	384	45.09	1	78.45	362	58.313	39	24.18	80	31.953	23	80.84	284
17	12	12.99	8	65.10	391	45.10	8	74.83	374	58.352	84	24.98	105	31.976	75	78.00	304
27	11	13.07	21	61.19	390	45.18	16	71.09	379	58.436	131	26.03	130	32.051	129	74.96	318
Nov. 6	10	13.28	34	57.29	379	45.34	24	67.30	374	58.567	178	27.33	154	32.180	184	71.78	326
16	10	13.62	47	53.50	358	45.58	32	63.56	359	58.745	221	28.87	176	32.364	236	68.52	325
26	9	14.09	58	49.92	328	45.90	39	59.97	335	58.966	261	30.63	195	32.600	285	65.27	316
Dez. 6	8	14.67	68	46.64	288	46.29	45	56.62	301	59.227	293	32.58	208	32.885	327	62.11	298
16	8	15.35	76	43.76	238	46.74	50	53.61	257	59.520	317	34.66	215	33.212	358	59.13	271
26	7	16.11	82	41.38	181	47.24	54	51.04	205	59.837	330	36.81	217	33.570	378	56.42	235
36	6	16.93		39.57		47.78		48.99		60.167		38.98		33.948		54.07	
Mittl. Ort		16.24		72.88		46.51		80.85		58.307		23.80		32.332		81.20	
sec δ, tg δ		3.376		+3.225		2.020		+1.755		1.000		−0.004		1.261		+0.769	

Welt-Zeit		504) ε Centauri AR.		Dekl.		507) τ Bootis AR.		Dekl.		509) η Ursae maj. AR.		Dekl.		510) 89 Virginis AR.		Dekl.	
1927	h	$13^h\ 35^m$		$-53°\ 5'$		$13^h\ 43^m$		$+17°\ 48'$		$13^h\ 44^m$		$+49°\ 40'$		$13^h\ 45^m$		$-17°\ 46'$	
Jan. 1	7	13.259	487	23.89	121	46.178	335	71.09	221	38.483	436	28.29	206	52.599	342	4.80	186
11	6	13.746	482	25.10	164	46.513	336	68.88	193	38.919	444	26.23	150	52.941	341	6.66	195
21	6	14.228	462	26.74	203	46.849	327	66.95	157	39.363	436	24.73	91	53.282	329	8.61	199
31	5	14.690	432	28.77	235	47.176	309	65.38	118	39.799	416	23.82	30	53.611	309	10.60	197
Feb. 10	4	15.122	393	31.12	260	47.485	282	64.20	76	40.215	384	23.52	32	53.920	284	12.57	188
20	4	15.515	347	33.72	279	47.767	252	63.44	33	40.599	341	23.84	90	54.204	252	14.45	176
März 2	3	15.862	297	36.51	291	48.019	216	63.11	7	40.940	291	24.74	143	54.456	219	16.21	160
12	2	16.159	246	39.42	296	48.235	179	63.18	44	41.231	236	26.17	187	54.675	185	17.81	142
22	2	16.405	193	42.38	295	48.414	143	63.62	77	41.467	179	28.04	222	54.860	151	19.23	123
Apr. 1	1	16.598	142	45.33	288	48.557	106	64.39	104	41.646	122	30.26	248	55.011	117	20.46	104
11	0	16.740	91	48.21	277	48.663	72	65.43	124	41.768	65	32.74	263	55.128	86	21.50	85
21	0	16.831	42	50.98	260	48.735	41	66.67	138	41.833	13	35.37	266	55.214	56	22.35	68
30	23	16.873	4	53.58	239	48.776	11	68.05	145	41.846	36	38.03	261	55.270	27	23.03	50
Mai 10	22	16.869	49	55.97	215	48.787	16	69.50	145	41.810	80	40.64	246	55.297	2	23.53	34
20	22	16.820	91	58.12	185	48.771	40	70.95	140	41.730	119	43.10	222	55.299	23	23.87	19
30	21	16.729	130	59.97	152	48.731	62	72.35	130	41.611	153	45.32	191	55.276	46	24.06	4
Juni 9	20	16.599	165	61.49	117	48.669	80	73.65	116	41.458	180	47.23	155	55.230	67	24.10	9
19	20	16.434	197	62.66	78	48.589	98	74.81	99	41.278	203	48.78	115	55.163	86	24.01	22
29	19	16.237	222	63.44	38	48.491	111	75.80	78	41.075	221	49.93	71	55.077	103	23.79	35
Juli 9	18	16.015	241	63.82	2	48.380	121	76.58	56	40.854	231	50.64	26	54.974	116	23.44	45
19	18	15.774	252	63.80	44	48.259	129	77.14	32	40.623	236	50.90	21	54.858	126	22.99	55
29	17	15.522	254	63.36	84	48.130	131	77.46	7	40.387	234	50.69	67	54.732	130	22.44	63
Aug. 8	16	15.268	245	62.52	120	47.999	128	77.53	20	40.153	226	50.02	112	54.602	128	21.81	69
18	16	15.023	226	61.32	154	47.871	120	77.33	47	39.927	210	48.90	157	54.474	121	21.12	72
28	15	14.797	195	59.78	181	47.751	106	76.86	74	39.717	185	47.33	198	54.353	106	20.40	72
Sept. 7	14	14.602	153	57.97	202	47.645	84	76.12	102	39.532	154	45.35	237	54.247	83	19.68	68
17	14	14.449	100	55.95	215	47.561	55	75.10	130	39.378	114	42.98	272	54.164	54	19.00	59
27	13	14.349	36	53.80	220	47.506	21	73.80	157	39.264	66	40.26	302	54.110	16	18.41	45
Okt. 7	12	14.313	34	51.60	214	47.485	20	72.23	184	39.198	11	37.24	328	54.094	28	17.96	27
17	12	14.347	109	49.46	198	47.505	65	70.39	208	39.187	49	33.96	346	54.122	75	17.69	4
27	11	14.456	185	47.48	175	47.570	113	68.31	229	39.236	113	30.50	359	54.197	125	17.65	21
Nov. 6	10	14.641	260	45.73	141	47.683	161	66.02	247	39.349	178	26.91	362	54.322	176	17.86	50
16	10	14.901	329	44.32	101	47.844	208	63.55	259	39.527	242	23.29	356	54.498	222	18.36	79
26	9	15.230	388	43.31	55	48.052	251	60.96	266	39.769	302	19.73	342	54.720	265	19.15	109
Dez. 6	9	15.618	436	42.76	6	48.303	287	58.30	264	40.071	355	16.31	317	54.985	301	20.24	136
16	8	16.054	469	42.70	43	48.590	315	55.66	255	40.426	397	13.14	282	55.286	326	21.60	160
26	7	16.523	488	43.13	94	48.905	333	53.11	238	40.823	427	10.32	239	55.612	341	23.20	179
36	7	17.011		44.07		49.238		50.73		41.250		7.93		55.953		24.99	
Mittl. Ort		14.971		45.57		47.584		71.74		40.003		37.42		54.083		16.07	
sec δ, tg δ		1.665		−1.332		1.050		+0.321		1.545		+1.178		1.050		−0.320	

Welt-Zeit		512) ζ Centauri				513) η Bootis				517) 11 Bootis				516) τ Virginis			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927	h	$13^h 50^m$ s		−46° 55′ ″		$13^h 51^m$ s		+18° 45′ ″		$13^h 57^m$ s		+27° 43′ ″		$13^h 57^m$ s		+1° 53′ ″	
Jan. 1	7	56.699	441	27.62	118	11.090	335	45.90	226	50.442	347	74.99	230	54.299	326	53.88	213
11	6	57.140	439	28.80	156	11.425	338	43.64	196	50.789	353	72.69	191	54.625	327	51.75	201
21	6	57.579	425	30.36	190	11.763	330	41.68	160	51.142	346	70.78	148	54.952	319	49.74	182
31	5	58.004	402	32.26	218	12.093	312	40.08	120	51.488	330	69.30	100	55.271	303	47.92	159
Feb. 10	5	58.406	369	34.44	239	12.405	288	38.88	77	51.818	306	68.30	50	55.574	280	46.33	131
20	4	58.775	332	36.83	254	12.693	258	38.11	33	52.124	276	67.80	0	55.854	252	45.02	101
März 2	3	59.107	289	39.37	262	12.951	224	37.78	8	52.400	240	67.80	47	56.106	221	44.01	70
12	3	59.396	245	41.99	266	13.175	187	37.86	46	52.640	202	68.27	89	56.327	188	43.31	39
22	2	59.641	200	44.65	264	13.362	151	38.32	81	52.842	163	69.16	126	56.515	155	42.92	11
Apr. 1	1	59.841	155	47.29	257	13.513	115	39.13	108	53.005	123	70.42	154	56.670	122	42.81	13
11	1	59.996	111	49.86	246	13.628	80	40.21	128	53.128	85	71.96	176	56.792	92	42.94	35
21	0	60.107	69	52.32	231	13.708	48	41.49	143	53.213	50	73.72	189	56.884	62	43.29	52
30	23	60.176	28	54.63	212	13.756	18	42.92	150	53.263	17	75.61	193	56.946	34	43.81	64
Mai 10	23	60.204	13	56.75	190	13.774	9	44.42	151	53.280	14	77.54	190	56.980	9	44.45	73
20	22	60.191	50	58.65	165	13.765	35	45.93	145	53.266	43	79.44	180	56.989	16	45.18	77
30	21	60.141	86	60.30	136	13.730	57	47.38	135	53.223	68	81.24	165	56.973	38	45.95	79
Juni 9	21	60.055	120	61.66	106	13.673	78	48.73	121	53.155	90	82.89	144	56.935	58	46.74	77
19	20	59.935	149	62.72	72	13.595	95	49.94	102	53.065	110	84.33	119	56.877	77	47.51	73
29	19	59.786	176	63.44	37	13.500	111	50.96	82	52.955	127	85.52	90	56.800	94	48.24	67
Juli 9	19	59.610	196	63.81	2	13.389	122	51.78	58	52.828	139	86.42	60	56.706	107	48.91	59
19	18	59.414	209	63.83	34	13.267	130	52.36	33	52.689	148	87.02	27	56.599	118	49.50	49
29	17	59.205	216	63.49	69	13.137	134	52.69	7	52.541	152	87.29	6	56.481	123	49.99	38
Aug. 8	17	58.989	213	62.80	102	13.003	132	52.76	21	52.389	151	87.23	40	56.358	123	50.37	25
18	16	58.776	201	61.78	131	12.871	125	52.55	48	52.238	143	86.83	75	56.235	118	50.62	10
28	15	58.575	178	60.47	156	12.746	111	52.07	77	52.095	130	86.08	109	56.117	106	50.72	6
Sept. 7	15	58.397	143	58.91	175	12.635	91	51.30	105	51.965	108	84.99	142	56.011	87	50.66	24
17	14	58.254	100	57.16	186	12.544	63	50.25	134	51.857	79	83.57	174	55.924	60	50.42	44
27	13	58.154	46	55.30	190	12.481	28	48.91	162	51.778	43	81.83	205	55.864	27	49.98	67
Okt. 7	13	58.108	15	53.40	185	12.453	12	47.29	188	51.735	2	79.78	232	55.837	12	49.31	90
17	12	58.123	81	51.55	171	12.465	57	45.41	213	51.733	45	77.46	257	55.849	57	48.41	114
27	11	58.204	150	49.84	149	12.522	105	43.28	235	51.778	95	74.89	277	55.906	104	47.27	139
Nov. 6	11	58.354	218	48.35	118	12.627	155	40.93	252	51.873	148	72.12	292	56.010	152	45.88	162
16	10	58.572	282	47.17	82	12.782	202	38.41	265	52.021	198	69.20	300	56.162	198	44.26	183
26	9	58.854	337	46.35	41	12.984	246	35.76	271	52.219	245	66.20	301	56.360	241	42.43	201
Dez. 6	9	59.191	384	45.94	4	13.230	283	33.05	270	52.464	286	63.19	293	56.601	277	40.42	213
16	8	59.575	419	45.98	49	13.513	313	30.35	259	52.750	319	60.26	277	56.878	304	38.29	218
26	7	59.994	438	46.47	93	13.826	332	27.76	243	53.069	342	57.49	251	57.182	323	36.11	218
36	7	60.432		47.40		14.158		25.33		53.411		54.98		57.505		33.93	
Mittl. Ort		58.483		47.42		12.535		46.83		51.934		78.58		55.792		49.35	
sec δ, tg δ		1.464		−1.070		1.056		+0.340		1.130		+0.526		1.000		+0.033	

Welt-Zeit		518) β Centauri AR.		518) β Centauri Dekl.		520) θ Centauri AR.		520) θ Centauri Dekl.		521) α Draconis AR.		521) α Draconis Dekl.		522) d Bootis AR.		522) d Bootis Dekl.	
1927	h	$13^h\,58^m$ s		−60° 0′ ″		$14^h\,2^m$ s		−36° 0′ ″		$14^h\,2^m$ s		+64° 42′ ″		$14^h\,7^m$ s		+25° 25′ ″	
Jan. 1	7	37.14	56	56.18	73	20.974	385	25.48	136	22.81	58	76.49	205	2.691	340	69.47	234
11	7	37.70	57	56.91	122	21.359	386	26.84	164	23.39	61	74.44	144	3.031	346	67.13	199
21	6	38.27	55	58.13	167	21.745	376	28.48	188	24.00	61	73.00	78	3.377	342	65.14	157
31	5	38.82	53	59.80	206	22.121	357	30.36	205	24.61	60	72.22	12	3.719	328	63.57	111
Feb. 10	5	39.35	49	61.86	238	22.478	331	32.41	216	25.21	56	72.10	55	4.047	306	62.46	63
20	4	39.84	44	64.24	266	22.809	299	34.57	222	25.77	50	72.65	117	4.353	277	61.83	14
März 2	3	40.28	38	66.90	285	23.108	264	36.79	223	26.27	44	73.82	173	4.630	244	61.69	32
12	3	40.66	33	69.75	299	23.372	227	39.02	220	26.71	36	75.55	220	4.874	207	62.01	75
22	2	40.99	27	72.74	306	23.599	189	41.22	212	27.07	27	77.75	258	5.081	170	62.76	113
Apr. 1	1	41.26	21	75.80	306	23.788	152	43.34	202	27.34	19	80.33	284	5.251	132	63.89	142
11	1	41.47	15	78.86	301	23.940	115	45.36	189	27.53	10	83.17	298	5.383	96	65.31	164
21	0	41.62	9	81.87	290	24.055	79	47.25	173	27.63	1	86.15	301	5.479	60	66.95	179
30	23	41.71	3	84.77	275	24.134	46	48.98	156	27.64	7	89.16	293	5.539	28	68.74	186
Mai 10	23	41.74	3	87.52	253	24.180	12	50.54	137	27.57	15	92.09	275	5.567	3	70.60	185
20	22	41.71	8	90.05	227	24.192	20	51.91	116	27.42	21	94.84	247	5.564	31	72.45	177
30	21	41.63	14	92.32	196	24.172	51	53.07	93	27.21	27	97.31	211	5.533	57	74.22	163
Juni 9	21	41.49	18	94.28	161	24.121	79	54.00	70	26.94	32	99.42	171	5.476	80	75.85	145
19	20	41.31	23	95.89	122	24.042	106	54.70	45	26.62	36	101.13	125	5.396	102	77.30	122
29	19	41.08	27	97.11	80	23.936	130	55.15	18	26.26	39	102.38	75	5.294	119	78.52	95
Juli 9	19	40.81	30	97.91	37	23.806	149	55.33	8	25.87	41	103.13	23	5.175	134	79.47	67
19	18	40.51	32	98.28	8	23.657	163	55.25	35	25.46	42	103.36	29	5.041	144	80.14	36
29	17	40.19	33	98.20	53	23.494	172	54.90	60	25.04	41	103.07	80	4.897	150	80.50	3
Aug. 8	17	39.86	32	97.67	96	23.322	172	54.30	83	24.63	41	102.27	131	4.747	150	80.53	29
18	16	39.54	31	96.71	136	23.150	166	53.47	104	24.22	38	100.96	180	4.597	145	80.24	62
28	15	39.23	27	95.35	171	22.984	149	52.43	120	23.84	35	99.16	225	4.452	132	79.62	95
Sept. 7	15	38.96	23	93.64	201	22.835	123	51.23	132	23.49	30	96.91	267	4.320	112	78.67	128
17	14	38.73	17	91.63	222	22.712	89	49.91	137	23.19	25	94.24	304	4.208	86	77.39	160
27	14	38.56	10	89.41	235	22.623	45	48.54	137	22.94	17	91.20	335	4.122	51	75.79	190
Okt. 7	13	38.46	1	87.06	238	22.578	6	47.17	128	22.77	10	87.85	360	4.071	10	73.89	219
17	12	38.45	8	84.68	231	22.584	62	45.89	112	22.67	2	84.25	378	4.061	36	71.70	244
27	12	38.53	17	82.37	214	22.646	121	44.77	91	22.65	8	80.47	388	4.097	85	69.26	266
Nov. 6	11	38.70	26	80.23	186	22.767	180	43.86	62	22.73	17	76.59	388	4.182	137	66.60	283
16	10	38.96	34	78.37	151	22.947	237	43.24	29	22.90	27	72.71	379	4.319	188	63.77	293
26	10	39.30	42	76.86	108	23.184	287	42.95	7	23.17	35	68.92	360	4.507	235	60.84	295
Dez. 6	9	39.72	48	75.78	59	23.471	330	43.02	45	23.52	44	65.32	331	4.742	276	57.89	290
16	8	40.20	53	75.19	9	23.801	361	43.47	82	23.96	51	62.01	290	5.018	310	54.99	277
26	8	40.73	56	75.10	43	24.162	381	44.29	117	24.47	56	59.11	241	5.328	333	52.22	254
36	7	41.29		75.53		24.543		45.46		25.03		56.70		5.661		49.68	
Mittl. Ort		39.34		78.60		22.714		42.04		24.71		87.75		4.226		72.35	
sec δ, tg δ		2.001		−1.734		1.236		−0.727		2.342		+2.118		1.107		+0.476	

Welt-Zeit		523) κ Virginis AR.		523) κ Virginis Dekl.		524) 4 Ursae min. AR.		524) 4 Ursae min. Dekl.		525) ι Virginis AR.		525) ι Virginis Dekl.		526) α Bootis AR.		526) α Bootis Dekl.	
1927		14h 8m		−9° 55′		14h 9m		+77° 52′		14h 12m		−5° 39′		14h 12m		+19° 33′	
Jan. 1	7h	58.325s	329	56.60″	191	3.39s	106	73.84″	189	9.417s	325	3.78″	199	18.311s	327	41.23″	238
11	7	58.654	332	58.51	192	4.45	113	71.95	126	9.742	328	5.77	197	18.638	334	38.85	209
21	6	58.986	325	60.43	187	5.58	114	70.69	59	10.070	323	7.74	187	18.972	331	36.76	173
31	5	59.311	311	62.30	176	6.72	113	70.10	8	10.393	309	9.61	171	19.303	317	35.03	132
Feb. 10	5	59.622	289	64.06	161	7.85	107	70.18	75	10.702	288	11.32	152	19.620	297	33.71	88
20	4	59.911	262	65.67	141	8.92	97	70.93	137	10.990	262	12.84	128	19.917	269	32.83	43
März 2	4	60.173	232	67.08	120	9.89	85	72.30	193	11.252	232	14.12	103	20.186	238	32.40	0
12	3	60.405	201	68.28	98	10.74	69	74.23	239	11.484	202	15.15	77	20.424	204	32.40	41
22	2	60.606	169	69.26	75	11.43	52	76.62	274	11.686	169	15.92	53	20.628	169	32.81	77
Apr. 1	2	60.775	137	70.01	54	11.95	34	79.36	298	11.855	138	16.45	30	20.797	134	33.58	106
11	1	60.912	106	70.55	34	12.29	15	82.34	310	11.993	108	16.75	9	20.931	100	34.64	130
21	0	61.018	77	70.89	16	12.44	4	85.44	310	12.101	79	16.84	8	21.031	66	35.94	146
Mai 1	0	61.095	50	71.05	2	12.40	21	88.54	299	12.180	51	16.76	22	21.097	36	37.40	155
10	23	61.145	23	71.07	11	12.19	37	91.53	277	12.231	24	16.54	33	21.133	6	38.95	156
20	22	61.168	3	70.96	21	11.82	52	94.30	246	12.255	1	16.21	42	21.139	21	40.51	153
30	22	61.165	27	70.75	29	11.30	65	96.76	208	12.254	25	15.79	48	21.118	46	42.04	142
Juni 9	21	61.138	50	70.46	36	10.65	76	98.84	164	12.229	48	15.31	51	21.072	69	43.46	129
19	20	61.088	71	70.10	42	9.89	84	100.48	114	12.181	70	14.80	52	21.003	91	44.75	110
29	20	61.017	91	69.68	46	9.05	91	101.62	63	12.111	88	14.28	53	20.912	109	45.85	89
Juli 9	19	60.926	106	69.22	48	8.14	94	102.25	9	12.023	105	13.75	52	20.803	125	46.74	64
19	18	60.820	119	68.74	50	7.20	96	102.34	46	11.918	118	13.23	49	20.678	135	47.38	39
29	18	60.701	127	68.24	50	6.24	95	101.88	99	11.800	126	12.74	45	20.543	143	47.77	11
Aug. 8	17	60.574	130	67.74	48	5.29	93	100.89	150	11.674	128	12.29	39	20.400	145	47.88	18
18	16	60.444	126	67.26	45	4.36	87	99.39	199	11.546	126	11.90	31	20.255	141	47.70	46
28	16	60.318	115	66.81	38	3.49	80	97.40	244	11.420	115	11.59	21	20.114	129	47.24	76
Sept. 7	15	60.203	96	66.43	29	2.69	71	94.96	285	11.305	98	11.38	8	19.985	111	46.48	106
17	14	60.107	70	66.14	16	1.98	59	92.11	320	11.207	72	11.30	7	19.874	85	45.42	136
27	14	60.037	36	65.98	1	1.39	46	88.91	350	11.135	39	11.37	24	19.789	53	44.06	165
Okt. 7	13	60.001	4	65.97	19	0.93	31	85.41	373	11.096	0	11.61	45	19.736	14	42.41	192
17	12	60.005	49	66.16	40	0.62	14	81.68	387	11.096	45	12.06	68	19.722	32	40.49	219
27	12	60.054	98	66.56	65	0.48	3	77.81	393	11.141	93	12.74	92	19.754	80	38.30	241
Nov. 6	11	60.152	148	67.21	90	0.51	21	73.88	391	11.234	142	13.66	117	19.834	130	35.89	260
16	10	60.300	196	68.11	116	0.72	40	69.97	379	11.376	190	14.83	141	19.964	180	33.29	273
26	10	60.496	239	69.27	139	1.12	58	66.18	355	11.566	233	16.24	162	20.144	225	30.56	281
Dez. 6	9	60.735	277	70.66	160	1.70	74	62.63	322	11.799	271	17.86	180	20.369	265	27.75	280
16	8	61.012	306	72.26	178	2.44	88	59.41	279	12.070	301	19.66	192	20.634	298	24.95	272
26	8	61.318	324	74.04	188	3.32	101	56.62	227	12.371	321	21.58	200	20.932	322	22.23	254
36	7	61.642		75.92		4.33		54.35		12.692		23.58		21.254		19.69	
Mittl. Ort		59.918		64.92		6.27		86.03		11.011		10.65		19.866		42.37	
sec δ, tg δ		1.015		−0.175		4.767		+4.661		1.005		−0.099		1.061		+0.355	

Welt-Zeit		527) λ Bootis AR.	Δ	Dekl.	Δ	531) ϑ Bootis AR.	Δ	Dekl.	Δ
1927		$14^h\ 13^m$		$+46°\ 24'$		$14^h\ 22^m$		$+52°\ 10'$	
Jan. 1	8^h	^{s} 34.924	401	″ 74.26	237	^{s} 40.942	429	″ 66.25	243
11	7	35.325	414	71.89	185	41.371	448	63.82	188
21	6	35.739	416	70.04	128	41.819	453	61.94	130
31	6	36.155	403	68.76	67	42.272	443	60.64	66
Feb. 10	5	36.558	379	68.09	6	42.715	421	59.98	1
20	4	36.937	346	68.03	— 54	43.136	387	59.97	— 60
März 2	4	37.283	304	68.57	109	43.523	343	60.57	119
12	3	37.587	258	69.66	159	43.866	292	61.76	170
22	2	37.845	208	71.25	199	44.158	237	63.46	213
Apr. 1	2	38.053	156	73.24	232	44.395	179	65.59	245
11	1	38.209	105	75.56	252	44.574	121	68.04	268
21	0	38.314	55	78.08	263	44.695	63	70.72	279
Mai 1	0	38.369	8	80.71	264	44.758	9	73.51	279
10	23	38.377	— 36	83.35	255	44.767	— 43	76.30	270
20	22	38.341	76	85.90	238	44.724	90	79.00	252
30	22	38.265	113	88.28	213	44.634	134	81.52	224
Juni 9	21	38.152	145	90.41	181	44.500	172	83.76	192
19	20	38.007	172	92.22	145	44.328	204	85.68	153
29	20	37.835	194	93.67	104	44.124	231	87.21	110
Juli 9	19	37.641	212	94.71	62	43.893	252	88.31	65
19	18	37.429	224	95.33	16	43.641	267	88.96	17
29	18	37.205	229	95.49	— 29	43.374	274	89.13	— 32
Aug. 8	17	36.976	228	95.20	75	43.100	273	88.81	80
18	16	36.748	219	94.45	119	42.827	264	88.01	127
28	16	36.529	202	93.26	163	42.563	246	86.74	173
Sept. 7	15	36.327	177	91.63	204	42.317	218	85.01	215
17	14	36.150	142	89.59	242	42.099	183	82.86	256
27	14	36.008	101	87.17	276	41.916	136	80.30	291
Okt. 7	13	35.907	51	84.41	306	41.780	83	77.39	321
17	12	35.856	— 6	81.35	330	41.697	21	74.18	347
27	12	35.862	66	78.05	347	41.676	— 46	70.71	363
Nov. 6	11	35.928	130	74.58	357	41.722	116	67.08	373
16	11	36.058	194	71.01	359	41.838	187	63.35	374
26	10	36.252	253	67.42	350	42.025	254	59.61	364
Dez. 6	9	36.505	308	63.92	333	42.279	316	55.97	344
16	9	36.813	353	60.59	304	42.595	370	52.53	314
26	8	37.166	388	57.55	266	42.965	411	49.39	274
36	7	37.554		54.89		43.376		46.65	
Mittl. Ort		36.594		82.29		42.734		75.22	
sec δ, tg δ		1.451		+1.051		1.631		+1.289	

Welt-Zeit		534) ρ Bootis AR.	Δ	Dekl.	Δ	535) γ Bootis AR.	Δ	Dekl.	Δ
1927		$14^h\ 28^m$		$+30°\ 41'$		$14^h\ 29^m$		$+38°\ 37'$	
Jan. 1	8^h	^{s} 39.399	340	″ 23.80	248	^{s} 6.657	360	″ 30.51	251
11	7	39.739	352	21.32	210	7.017	375	28.00	206
21	6	40.091	352	19.22	164	7.392	377	25.94	154
31	6	40.443	344	17.58	114	7.769	368	24.40	99
Feb. 10	5	40.787	325	16.44	61	8.137	350	23.41	42
20	4	41.112	299	15.83	8	8.487	323	22.99	— 17
März 2	4	41.411	268	15.75	— 43	8.810	288	23.16	71
12	3	41.679	233	16.18	90	9.098	249	23.87	121
22	2	41.912	195	17.08	131	9.347	208	25.08	163
Apr. 1	2	42.107	157	18.39	164	9.555	165	26.71	198
11	1	42.264	119	20.03	189	9.720	121	28.69	223
21	0	42.383	81	21.92	207	9.841	79	30.92	238
Mai 1	0	42.464	45	23.99	214	9.920	38	33.30	244
10	23	42.509	11	26.13	213	9.958	— 1	35.74	241
20	22	42.520	— 21	28.26	206	9.957	38	38.15	230
30	22	42.499	52	30.32	190	9.919	71	40.45	210
Juni 9	21	42.447	79	32.22	170	9.848	101	42.55	185
19	20	42.368	105	33.92	145	9.747	129	44.40	155
29	20	42.263	126	35.37	115	9.618	152	45.95	120
Juli 9	19	42.137	144	36.52	82	9.466	172	47.15	81
19	18	41.993	159	37.34	48	9.294	187	47.96	42
29	18	41.834	169	37.82	11	9.107	196	48.38	0
Aug. 8	17	41.665	172	37.93	— 26	8.911	198	48.38	42
18	16	41.493	169	37.67	63	8.713	194	47.96	84
28	16	41.324	159	37.04	101	8.519	183	47.12	126
Sept. 7	15	41.165	141	36.03	137	8.336	163	45.86	165
17	14	41.024	115	34.66	172	8.173	136	44.21	203
27	14	40.909	82	32.94	205	8.037	99	42.18	238
Okt. 7	13	40.827	42	30.89	237	7.938	55	39.80	270
17	12	40.785	— 6	28.52	263	7.883	4	37.10	297
27	12	40.791	57	25.89	286	7.879	— 50	34.13	318
Nov. 6	11	40.848	111	23.03	303	7.929	108	30.95	334
16	11	40.959	165	20.00	314	8.037	166	27.61	340
26	10	41.124	215	16.86	316	8.203	221	24.21	339
Dez. 6	9	41.339	262	13.70	310	8.424	272	20.82	328
16	9	41.601	300	10.60	294	8.696	315	17.54	307
26	8	41.901	329	7.66	270	9.011	347	14.47	276
36	7	42.230		4.96		9.358		11.71	
Mittl. Ort		41.057		27.96		8.354		36.61	
sec δ, tg δ		1.163		+0.594		1.280		+0.799	

Welt-Zeit		537) η Centauri AR.		537) η Centauri Dekl.		538) α Centauri*) AR.		538) α Centauri*) Dekl.		543) ζ Bootis med. AR.		543) ζ Bootis med. Dekl.		542) α Apodis AR.		542) α Apodis Dekl.	
1927		14h 30m		−41° 50′		14h 34m		−60° 31′		14h 37m		+14° 2′		14h 38m		−78° 43′	
Jan. 1	8h	49.716s	404	0.21″	90	35.41s	56	43.37″	33	38.039s	315	26.42″	233	36.79s	126	49.90″	37
11	7	50.120	412	1.11	123	35.97	57	43.70	80	38.354	325	24.09	211	38.05	131	49.53	20
21	7	50.532	409	2.34	152	36.54	56	44.50	126	38.679	326	21.98	181	39.36	132	49.73	75
31	6	50.941	396	3.86	176	37.10	55	45.76	167	39.005	317	20.17	145	40.68	130	50.48	129
Feb. 10	5	51.337	374	5.62	196	37.65	52	47.43	202	39.322	301	18.72	107	41.98	124	51.77	178
20	5	51.711	345	7.58	209	38.17	47	49.45	231	39.623	279	17.65	65	43.22	117	53.55	220
März 2	4	52.056	313	9.67	217	38.64	43	51.76	254	39.902	253	17.00	24	44.39	106	55.75	258
12	3	52.369	277	11.84	221	39.07	37	54.30	272	40.155	222	16.76	16	45.45	95	58.33	289
22	3	52.646	239	14.05	220	39.44	32	57.02	284	40.377	191	16.92	51	46.40	81	61.22	313
Apr. 1	2	52.885	201	16.25	216	39.76	26	59.86	288	40.568	159	17.43	81	47.21	66	64.35	331
11	1	53.086	162	18.41	209	40.02	20	62.74	289	40.727	128	18.24	107	47.87	50	67.66	341
21	1	53.248	124	20.50	199	40.22	14	65.63	283	40.855	96	19.31	126	48.37	35	71.07	345
Mai 1	0	53.372	85	22.49	185	40.36	7	68.46	272	40.951	66	20.57	138	48.72	18	74.52	341
10	23	53.457	47	24.34	170	40.43	2	71.18	257	41.017	36	21.95	143	48.90	1	77.93	330
20	23	53.504	9	26.04	151	40.45	5	73.75	236	41.053	8	23.38	144	48.91	16	81.23	312
30	22	53.513	29	27.55	130	40.40	11	76.11	210	41.061	19	24.82	139	48.75	32	84.35	288
Juni 9	21	53.484	64	28.85	107	40.29	16	78.21	179	41.042	45	26.21	129	48.43	47	87.23	257
19	21	53.420	98	29.92	81	40.13	21	80.00	145	40.997	68	27.50	115	47.96	62	89.80	218
29	20	53.322	130	30.73	54	39.92	26	81.45	107	40.929	91	28.65	99	47.34	73	91.98	176
Juli 9	19	53.192	156	31.27	25	39.66	30	82.52	67	40.838	111	29.64	79	46.61	84	93.74	128
19	19	53.036	178	31.52	5	39.36	33	83.19	23	40.727	126	30.43	57	45.77	92	95.02	77
29	18	52.858	193	31.47	35	39.03	35	83.42	20	40.601	137	31.00	35	44.85	96	95.79	23
Aug. 8	17	52.665	200	31.12	64	38.68	35	83.22	63	40.464	144	31.35	10	43.89	98	96.02	31
18	17	52.465	198	30.48	90	38.33	34	82.59	106	40.320	144	31.45	15	42.91	96	95.71	85
28	16	52.267	185	29.58	114	37.99	32	81.53	143	40.176	137	31.30	42	41.95	89	94.86	136
Sept. 7	15	52.082	162	28.44	133	37.67	28	80.10	176	40.039	122	30.88	69	41.06	80	93.50	183
17	15	51.920	128	27.11	147	37.39	23	78.34	203	39.917	100	30.19	97	40.26	66	91.67	223
27	14	51.792	84	25.64	154	37.16	16	76.31	222	39.817	70	29.22	124	39.60	49	89.44	255
Okt. 7	13	51.708	30	24.10	154	37.00	7	74.09	232	39.747	32	27.98	151	39.11	31	86.89	277
17	13	51.678	29	22.56	145	36.93	1	71.77	232	39.715	10	26.47	178	38.80	9	84.12	288
27	12	51.707	92	21.11	131	36.94	10	69.45	222	39.725	57	24.69	202	38.71	14	81.24	287
Nov. 6	11	51.799	158	19.80	107	37.04	20	67.23	201	39.782	108	22.67	223	38.85	36	78.37	275
16	11	51.957	221	18.73	78	37.24	30	65.22	172	39.890	157	20.44	241	39.21	58	75.62	251
26	10	52.178	280	17.95	45	37.54	38	63.50	135	40.047	204	18.03	252	39.79	79	73.11	216
Dez. 6	10	52.458	329	17.50	8	37.92	45	62.15	93	40.251	246	15.51	258	40.58	96	70.95	174
16	9	52.787	369	17.42	31	38.37	50	61.22	45	40.497	281	12.93	256	41.54	111	69.21	125
26	8	53.156	397	17.73	69	38.87	54	60.77	4	40.778	306	10.37	245	42.65	122	67.96	70
36	8	53.553		18.42		39.41		60.81		41.084		7.92		43.87		67.26	
Mittl. Ort		51.782		17.34		38.07		64.45		39.720		25.93		42.38		72.99	
sec δ, tg δ		1.342		−0.895		2.033		−1.770		1.031		+0.250		5.120		−5.021	

*) Ort des hellen Sterns; die jährliche Parallaxe (0.″75) ist bereits berücksichtigt

Welt-Zeit		545) μ Virginis				547) 109 Virginis				548) α Librae				549) Grb 2164			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927		$14^h\ 39^m$		$-5°\ 20'$		$14^h\ 42^m$		$+2°\ 11'$		$14^h\ 46^m$		$-15°\ 44'$		$14^h\ 49^m$		$+59°\ 34'$	
Jan. 1	8^h	$10\overset{s}{.}883$	317	$24\overset{''}{.}15$	193	$31\overset{s}{.}665$	310	$62\overset{''}{.}15$	210	$48\overset{s}{.}314$	323	$12\overset{''}{.}63$	161	$32\overset{s}{.}959$	465	$74\overset{''}{.}72$	262
11	7	11.200	324	26.08	191	31.975	321	60.05	200	48.637	333	14.24	168	33.424	500	72.10	208
21	7	11.524	324	27.99	180	32.296	321	58.05	182	48.970	334	15.92	170	33.924	518	70.02	146
31	6	11.848	315	29.79	166	32.617	313	56.23	159	49.304	325	17.62	167	34.442	520	68.56	81
Feb. 10	5	12.163	298	31.45	146	32.930	297	54.64	131	49.629	310	19.29	158	34.962	504	67.75	15
20	5	12.461	277	32.91	123	33.227	276	53.33	101	49.939	289	20.87	146	35.466	473	67.60	52
März 2	4	12.738	251	34.14	98	33.503	251	52.32	69	50.228	263	22.33	131	35.939	430	68.12	113
12	3	12.989	222	35.12	71	33.754	223	51.63	37	50.491	236	23.64	114	36.369	376	69.25	170
22	3	13.211	194	35.83	47	33.977	194	51.26	8	50.727	207	24.78	95	36.745	314	70.95	217
Apr. 1	2	13.405	164	36.30	23	34.171	164	51.18	19	50.934	178	25.73	77	37.059	247	73.12	255
11	1	13.569	135	36.53	3	34.335	134	51.37	42	51.112	148	26.50	61	37.306	176	75.67	281
21	1	13.704	105	36.56	14	34.469	105	51.79	60	51.260	119	27.11	45	37.482	106	78.48	297
Mai 1	0	13.809	78	36.42	29	34.574	76	52.39	74	51.379	90	27.56	31	37.588	35	81.45	301
10	23	13.887	49	36.13	40	34.650	48	53.13	83	51.469	61	27.87	19	37.623	31	84.46	295
20	23	13.936	22	35.73	47	34.698	21	53.96	88	51.530	32	28.06	9	37.592	95	87.41	278
30	22	13.958	4	35.26	52	34.719	6	54.84	90	51.562	3	28.15	1	37.497	154	90.19	253
Juni 9	21	13.954	31	34.74	55	34.713	31	55.74	87	51.565	25	28.14	9	37.343	206	92.72	221
19	21	13.923	55	34.19	55	34.682	56	56.61	82	51.540	52	28.05	17	37.137	253	94.93	182
29	20	13.868	78	33.64	54	34.626	80	57.43	75	51.488	77	27.88	24	36.884	292	96.75	138
Juli 9	19	13.790	98	33.10	52	34.546	99	58.18	65	51.411	99	27.64	30	36.592	324	98.13	91
19	19	13.692	116	32.58	48	34.447	117	58.83	54	51.312	119	27.34	36	36.268	347	99.04	42
29	18	13.576	128	32.10	43	34.330	129	59.37	42	51.193	134	26.98	41	35.921	363	99.46	10
Aug. 8	17	13.448	135	31.67	36	34.201	137	59.79	29	51.059	143	26.57	45	35.558	367	99.36	61
18	17	13.313	136	31.31	28	34.064	138	60.08	13	50.916	145	26.12	46	35.191	362	98.75	111
28	16	13.177	130	31.03	18	33.926	132	60.21	4	50.771	139	25.66	46	34.829	346	97.64	160
Sept. 7	16	13.047	116	30.85	6	33.794	119	60.17	22	50.632	125	25.20	43	34.483	318	96.04	207
17	15	12.931	93	30.79	9	33.675	97	59.95	42	50.507	102	24.77	38	34.165	280	93.97	250
27	14	12.838	63	30.88	25	33.578	67	59.53	63	50.405	72	24.39	28	33.885	230	91.47	288
Okt. 7	14	12.775	25	31.13	45	33.511	31	58.90	86	50.333	32	24.11	14	33.655	170	88.59	323
17	13	12.750	19	31.58	66	33.480	11	58.04	110	50.301	13	23.97	3	33.485	99	85.36	350
27	12	12.769	66	32.24	89	33.491	59	56.94	133	50.314	63	24.00	23	33.386	22	81.86	371
Nov. 6	12	12.835	116	33.13	113	33.550	108	55.61	157	50.377	115	24.23	46	33.364	61	78.15	384
16	11	12.951	165	34.26	135	33.658	157	54.04	177	50.492	165	24.69	70	33.425	145	74.31	386
26	10	13.116	211	35.61	156	33.815	203	52.27	194	50.657	214	25.39	95	33.570	228	70.45	379
Dez. 6	10	13.327	251	37.17	174	34.018	244	50.33	207	50.871	256	26.34	118	33.798	308	66.66	361
16	9	13.578	285	38.91	186	34.262	278	48.26	215	51.127	290	27.52	138	34.106	378	63.05	333
26	8	13.863	310	40.77	194	34.540	304	46.11	215	51.417	317	28.90	154	34.484	437	59.72	292
36	8	14.173		42.71		34.844		43.96		51.734		30.44		34.921		56.80	
Mittl. Ort		12.623		30.50		33.392		58.16		50.159		21.95		35.078		84.19	
sec δ, tg δ		1.004		−0.094		1.001		+0.038		1.039		−0.282		1.976		+1.704	

Welt-Zeit		550) β Ursae min. AR.		550) Dekl.		551) Pi XIV, 221 AR.		551) Dekl.		552) β Lupi AR.		552) Dekl.		555) β Bootis AR.		555) Dekl.	
1927		14h 50m		+74° 26′		14h 52m		+14° 44′		14h 53m		−42° 50′		14h 59m		+40° 40′	
Jan. 1	8h	50.95s	77	62.99″	245	44.688s	308	25.26″	238	42.160s	401	11.87″	62	9.909s	346	33.38″	273
11	7	51.72	85	60.54	187	44.996	321	22.88	215	42.561	414	12.49	96	10.255	368	30.65	230
21	7	52.57	89	58.67	124	45.317	324	20.73	185	42.975	417	13.45	126	10.623	378	28.35	179
31	6	53.46	90	57.43	56	45.641	319	18.88	149	43.392	408	14.71	152	11.001	377	26.56	123
Feb. 10	6	54.36	88	56.87	12	45.960	306	17.39	110	43.800	392	16.23	172	11.378	365	25.33	63
20	5	55.24	83	56.99	79	46.266	286	16.29	67	44.192	367	17.95	188	11.743	345	24.70	3
März 2	4	56.07	76	57.78	141	46.552	261	15.62	25	44.559	338	19.83	199	12.088	316	24.67	54
12	4	56.83	66	59.19	195	46.813	234	15.37	15	44.897	306	21.82	206	12.404	281	25.21	109
22	3	57.49	54	61.14	240	47.047	204	15.52	52	45.203	270	23.88	208	12.685	242	26.30	156
Apr. 1	2	58.03	41	63.54	276	47.251	173	16.04	85	45.473	234	25.96	208	12.927	201	27.86	196
11	2	58.44	27	66.30	300	47.424	141	16.89	111	45.707	195	28.04	204	13.128	158	29.82	225
21	1	58.71	13	69.30	311	47.565	111	18.00	131	45.902	157	30.08	197	13.286	114	32.07	246
Mai 1	0	58.84	1	72.41	311	47.676	80	19.31	144	46.059	118	32.05	187	13.400	71	34.53	257
11	0	58.83	15	75.52	301	47.756	50	20.75	151	46.177	78	33.92	175	13.471	29	37.10	257
20	23	58.68	28	78.53	280	47.806	20	22.26	152	46.255	38	35.67	159	13.500	11	39.67	250
30	22	58.40	39	81.33	251	47.826	8	23.78	147	46.293	3	37.26	142	13.489	50	42.17	234
Juni 9	22	58.01	49	83.84	214	47.818	36	25.25	138	46.290	42	38.68	121	13.439	86	44.51	211
19	21	57.52	58	85.98	171	47.782	62	26.63	124	46.248	80	39.89	98	13.353	119	46.62	182
29	20	56.94	65	87.69	124	47.720	86	27.87	106	46.168	116	40.87	73	13.234	148	48.44	147
Juli 9	20	56.29	71	88.93	73	47.634	107	28.93	87	46.052	148	41.60	45	13.086	174	49.91	110
19	19	55.58	75	89.66	21	47.527	126	29.80	64	45.904	175	42.05	16	12.912	195	51.01	69
29	18	54.83	77	89.87	33	47.401	140	30.44	41	45.729	195	42.21	14	12.717	210	51.70	26
Aug. 8	18	54.06	77	89.54	86	47.261	148	30.85	15	45.534	207	42.07	43	12.507	219	51.96	18
18	17	53.29	75	88.68	137	47.113	150	31.00	11	45.327	209	41.64	72	12.288	220	51.78	61
28	16	52.54	72	87.31	187	46.963	146	30.89	38	45.118	202	40.92	97	12.068	213	51.17	105
Sept. 7	16	51.82	66	85.44	233	46.817	134	30.51	66	44.916	183	39.95	119	11.855	198	50.12	148
17	15	51.16	59	83.11	275	46.683	112	29.85	94	44.733	152	38.76	136	11.657	173	48.64	189
27	14	50.57	49	80.36	312	46.571	84	28.91	123	44.581	110	37.40	148	11.484	140	46.75	227
Okt. 7	14	50.08	39	77.24	343	46.487	49	27.68	151	44.471	59	35.92	151	11.344	98	44.48	262
17	13	49.69	27	73.81	368	46.438	6	26.17	177	44.412	0	34.41	149	11.246	49	41.86	293
27	12	49.42	13	70.13	385	46.432	41	24.40	203	44.412	64	32.92	138	11.197	7	38.93	319
Nov. 6	12	49.29	2	66.28	393	46.473	92	22.37	224	44.476	131	31.54	119	11.204	66	35.74	337
16	11	49.31	17	62.35	390	46.565	142	20.13	242	44.607	197	30.35	95	11.270	126	32.37	347
26	10	49.48	32	58.45	380	46.707	189	17.71	255	44.804	258	29.40	64	11.396	185	28.90	350
Dez. 6	10	49.80	46	54.65	356	46.896	232	15.16	261	45.062	313	28.76	31	11.581	241	25.40	343
16	9	50.26	60	51.09	323	47.128	270	12.55	259	45.375	357	28.45	5	11.822	290	21.97	325
26	8	50.86	72	47.86	279	47.398	298	9.96	249	45.732	391	28.50	42	12.112	328	18.72	297
36	8	51.58		45.07		47.696		7.47		46.123		28.92		12.440		15.75	
Mittl. Ort		53.97		73.81		46.439		25.00		44.442		28.21		11.773		39.44	
sec δ, tg δ		3.731		+3.595		1.034		+0.263		1.364		−0.927		1.319		+0.860	

Welt-Zeit		556) γ Scorpii				557) ψ Bootis				558) ζ Lupi				560) γ Triang. austr.			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927		14h 59m		−24° 59′		15h 1m		+27° 13′		15h 6m		−51° 49′		15h 11m		−68° 24′	
Jan. 1	8h	45.529 s	336	34.94 ″	122	17.239 s	315	49.91 ″	261	59.010 s	452	3.98 ″	15	0.15 s	69	21.75 ″	51
11	8	45.865	347	36.16	138	17.554	332	47.30	228	59.462	472	4.13	54	0.84	73	21.24	2
21	7	46.212	351	37.54	151	17.886	338	45.02	187	59.934	480	4.67	92	1.57	75	21.22	47
31	6	46.563	344	39.05	158	18.224	337	43.15	141	60.414	475	5.59	126	2.32	75	21.69	94
Feb. 10	6	46.907	330	40.63	159	18.561	325	41.74	91	60.889	459	6.85	156	3.07	73	22.63	138
20	5	47.237	311	42.22	157	18.886	306	40.83	38	61.348	435	8.41	181	3.80	70	24.01	177
März 2	4	47.548	286	43.79	152	19.192	282	40.45	13	61.783	405	10.22	201	4.50	65	25.78	211
12	4	47.834	260	45.31	143	19.474	252	40.58	61	62.188	370	12.23	217	5.15	60	27.89	239
22	3	48.094	231	46.74	132	19.726	220	41.19	104	62.558	330	14.40	227	5.75	53	30.28	264
Apr. 1	2	48.325	201	48.06	120	19.946	186	42.23	142	62.888	289	16.67	234	6.28	46	32.92	281
11	2	48.526	171	49.26	109	20.132	151	43.65	171	63.177	244	19.01	237	6.74	39	35.73	293
21	1	48.697	140	50.35	96	20.283	117	45.36	193	63.421	199	21.38	236	7.13	31	38.66	299
Mai 1	0	48.837	109	51.31	84	20.400	81	47.29	206	63.620	151	23.74	230	7.44	22	41.65	299
11	0	48.946	78	52.15	72	20.481	47	49.35	210	63.771	103	26.04	220	7.66	14	44.64	294
20	23	49.024	47	52.87	60	20.528	14	51.45	207	63.874	53	28.24	208	7.80	5	47.58	283
30	22	49.071	15	53.47	49	20.542	19	53.52	197	63.927	2	30.32	190	7.85	4	50.41	265
Juni 9	22	49.086	17	53.96	36	20.523	49	55.49	182	63.929	47	32.22	168	7.81	13	53.06	240
19	21	49.069	48	54.32	23	20.474	78	57.31	160	63.882	95	33.90	143	7.68	21	55.46	212
29	20	49.021	77	54.55	11	20.396	105	58.91	134	63.787	140	35.33	114	7.47	29	57.58	177
Juli 9	20	48.944	103	54.66	3	20.291	128	60.25	106	63.647	180	36.47	83	7.18	35	59.35	137
19	19	48.841	127	54.63	16	20.163	149	61.31	73	63.467	215	37.30	48	6.83	41	60.72	93
29	18	48.714	144	54.47	29	20.014	164	62.04	39	63.252	242	37.78	12	6.42	46	61.65	47
Aug. 8	18	48.570	156	54.18	42	19.850	172	62.43	4	63.010	259	37.90	25	5.96	48	62.12	1
18	17	48.414	160	53.76	53	19.678	176	62.47	32	62.751	264	37.65	61	5.48	49	62.11	49
28	16	48.254	156	53.23	62	19.502	172	62.15	69	62.487	257	37.04	95	4.99	48	61.62	97
Sept. 7	16	48.098	143	52.61	69	19.330	159	61.46	104	62.230	237	36.09	126	4.51	44	60.65	141
17	15	47.955	120	51.92	71	19.171	138	60.42	140	61.993	202	34.83	152	4.07	38	59.24	180
27	15	47.835	88	51.21	69	19.033	110	59.02	175	61.791	155	33.31	171	3.69	30	57.44	212
Okt. 7	14	47.747	47	50.52	63	18.923	72	57.27	207	61.636	97	31.60	185	3.39	21	55.32	236
17	13	47.700	0	49.89	51	18.851	28	55.20	237	61.539	28	29.75	188	3.18	10	52.96	250
27	13	47.700	53	49.38	35	18.823	21	52.83	262	61.511	46	27.87	184	3.08	2	50.46	255
Nov. 6	12	47.753	108	49.03	15	18.844	74	50.21	284	61.557	125	26.03	171	3.10	15	47.91	247
16	11	47.861	162	48.88	10	18.918	127	47.37	299	61.682	202	24.32	150	3.25	28	45.44	230
26	11	48.023	214	48.98	35	19.045	180	44.38	307	61.884	275	22.82	121	3.53	39	43.14	204
Dez. 6	10	48.237	260	49.33	61	19.225	227	41.31	307	62.159	340	21.61	87	3.92	50	41.10	168
16	9	48.497	298	49.94	87	19.452	268	38.24	298	62.499	395	20.74	49	4.42	59	39.42	127
26	9	48.795	327	50.81	110	19.720	302	35.26	278	62.894	438	20.25	9	5.01	66	38.15	80
36	8	49.122		51.91		20.022		32.48		63.332		20.16		5.67		37.35	
Mittl. Ort		47.542		46.47		19.041		52.92		61.697		21.52		64.15		41.62	
sec δ, tg δ		1.103		−0.466		1.125		+0.515		1.618		−1.272		2.718		−2.527	

Welt-Zeit		563) δ Bootis AR.		Dekl.		564) β Librae AR.		Dekl.		565) I H.Ursae min. AR.		Dekl.		566) φ¹ Lupi AR.		Dekl.	
1927	h	15ʰ 12ᵐ s		+33° 34′ ″		15ʰ 13ᵐ s		−9° 6′ ″		15ʰ 13ᵐ s		+67° 36′ ″		15ʰ 17ᵐ s		−35° 59′ ″	
Jan. 1	9	31.707	318	66.22	275	2.619	304	46.11	170	44.98	54	75.59	280	7.717	360	38.58	66
11	8	32.025	340	63.47	238	2.923	319	47.81	171	45.52	60	72.79	226	8.077	377	39.24	92
21	7	32.365	351	61.09	194	3.242	323	49.52	167	46.12	64	70.53	166	8.454	383	40.16	115
31	7	32.716	351	59.15	142	3.565	320	51.19	157	46.76	65	68.87	99	8.837	380	41.31	134
Feb. 10	6	33.067	343	57.73	87	3.885	310	52.76	141	47.41	65	67.88	32	9.217	369	42.65	148
20	5	33.410	326	56.86	31	4.195	293	54.17	123	48.06	62	67.56	37	9.586	351	44.13	158
März 2	5	33.736	302	56.55	24	4.488	272	55.40	101	48.68	58	67.93	102	9.937	328	45.71	164
12	4	34.038	272	56.79	78	4.760	249	56.41	79	49.26	52	68.95	160	10.265	302	47.35	166
22	3	34.310	239	57.57	124	5.009	223	57.20	56	49.78	44	70.55	212	10.567	272	49.01	166
Apr. 1	3	34.549	204	58.81	164	5.232	196	57.76	35	50.22	36	72.67	253	10.839	241	50.67	163
11	2	34.753	167	60.45	196	5.428	168	58.11	15	50.58	27	75.20	284	11.080	209	52.30	158
21	1	34.920	128	62.41	219	5.596	141	58.26	0	50.85	17	78.04	303	11.289	175	53.88	151
Mai 1	1	35.048	91	64.60	233	5.737	112	58.26	14	51.02	7	81.07	311	11.464	140	55.39	143
11	0	35.139	53	66.93	238	5.849	83	58.12	25	51.09	2	84.18	308	11.604	104	56.82	134
20	23	35.192	16	69.31	234	5.932	54	57.87	32	51.07	11	87.26	294	11.708	68	58.16	123
30	23	35.208	20	71.65	223	5.986	25	57.55	38	50.96	20	90.20	272	11.776	30	59.39	109
Juni 9	22	35.188	54	73.88	205	6.011	5	57.17	42	50.76	28	92.92	240	11.806	8	60.48	95
19	21	35.134	86	75.93	180	6.006	34	56.75	43	50.48	34	95.32	203	11.798	45	61.43	78
29	21	35.048	116	77.73	152	5.972	61	56.32	44	50.14	41	97.35	160	11.753	81	62.21	59
Juli 9	20	34.932	142	79.25	118	5.911	87	55.88	43	49.73	46	98.95	112	11.672	113	62.80	39
19	19	34.790	165	80.43	83	5.824	110	55.45	42	49.27	49	100.07	62	11.559	142	63.19	18
29	19	34.625	182	81.26	44	5.714	128	55.03	40	48.78	52	100.69	10	11.417	166	63.37	5
Aug. 8	18	34.443	193	81.70	5	5.586	140	54.63	36	48.26	53	100.79	43	11.251	181	63.32	27
18	17	34.250	198	81.75	35	5.446	148	54.27	31	47.73	53	100.36	95	11.070	190	63.05	49
28	17	34.052	194	81.40	76	5.298	146	53.96	26	47.20	51	99.41	146	10.880	188	62.56	69
Sept. 7	16	33.858	183	80.64	117	5.152	136	53.70	16	46.69	49	97.95	195	10.692	175	61.87	87
17	15	33.675	163	79.47	155	5.016	118	53.54	6	46.20	44	96.00	241	10.517	152	61.00	100
27	15	33.512	133	77.92	193	4.898	90	53.48	6	45.76	38	93.59	282	10.365	118	60.00	109
Okt. 7	14	33.379	95	75.99	228	4.808	56	53.54	22	45.38	31	90.77	318	10.247	74	58.91	113
17	13	33.284	51	73.71	260	4.752	13	53.76	40	45.07	23	87.59	349	10.173	22	57.78	109
27	13	33.233	0	71.11	286	4.739	34	54.16	60	44.84	11	84.10	373	10.151	35	56.69	100
Nov. 6	12	33.233	56	68.25	309	4.773	84	54.76	81	44.73	3	80.37	388	10.186	96	55.69	85
16	12	33.289	112	65.16	323	4.857	135	55.57	103	44.70	8	76.49	393	10.282	158	54.84	64
26	11	33.401	167	61.93	330	4.992	184	56.60	124	44.78	20	72.56	389	10.440	216	54.20	38
Dez. 6	10	33.568	219	58.63	328	5.176	227	57.84	143	44.98	31	68.67	374	10.656	268	53.82	10
16	10	33.787	265	55.35	316	5.403	266	59.27	157	45.29	41	64.93	347	10.924	313	53.72	20
26	9	34.052	302	52.19	295	5.669	294	60.84	168	45.70	49	61.46	309	11.237	348	53.92	49
36	8	34.354		49.24		5.963		62.52		46.19		58.37		11.585		54.41	
Mittl. Ort		33.584		70.57		4.554		52.82		47.63		85.16		10.019		52.13	
sec δ, tg δ		1.200		+0.664		1.013		−0.160		2.627		+2.429		1.236		−0.726	

Welt-Zeit		569) γ Ursae min.				568) μ Bootis				571) ι Draconis				572) β Coron. bor.			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927		15h 20m		+72° 5'		15h 21m		+37° 37'		15h 23m		+59° 12'		15h 24m		+29° 21'	
Jan. 1	9h	46.77s	62	27.84"	279	41.990s	319	51.37"	284	15.878s	419	68.25"	294	47.236s	302	19.75"	274
11	8	47.39	70	25.05	227	42.309	345	48.53	245	16.297	464	65.31	243	47.538	324	17.01	241
21	7	48.09	76	22.78	167	42.654	359	46.08	198	16.761	494	62.88	186	47.862	336	14.60	201
31	7	48.85	78	21.11	100	43.013	362	44.10	146	17.255	507	61.02	123	48.198	339	12.59	153
Feb. 10	6	49.63	79	20.11	33	43.375	356	42.64	88	17.762	504	59.79	57	48.537	332	11.06	102
20	5	50.42	76	19.78	36	43.731	341	41.76	29	18.266	486	59.22	12	48.869	318	10.04	48
März 2	5	51.18	71	20.14	101	44.072	317	41.47	30	18.752	454	59.34	76	49.187	297	9.56	6
12	4	51.89	63	21.15	161	44.389	289	41.77	84	19.206	410	60.10	137	49.484	271	9.62	57
22	3	52.52	55	22.76	212	44.678	255	42.61	134	19.616	357	61.47	190	49.755	242	10.19	104
Apr. 1	3	53.07	44	24.88	255	44.933	218	43.95	176	19.973	297	63.37	235	49.997	209	11.23	145
11	2	53.51	33	27.43	286	45.151	179	45.71	210	20.270	232	65.72	268	50.206	176	12.68	177
21	1	53.84	21	30.29	305	45.330	139	47.81	235	20.502	164	68.40	292	50.382	140	14.45	202
Mai 1	1	54.05	8	33.34	314	45.469	99	50.16	249	20.666	95	71.32	303	50.522	105	16.47	218
11	0	54.13	3	36.48	312	45.568	59	52.65	255	20.761	26	74.35	305	50.627	69	18.65	225
20	23	54.10	15	39.60	299	45.627	18	55.20	251	20.787	40	77.40	296	50.696	33	20.90	225
30	23	53.95	26	42.59	276	45.645	20	57.71	240	20.747	103	80.36	277	50.729	1	23.15	216
Juni 9	22	53.69	36	45.35	245	45.625	58	60.11	221	20.644	162	83.13	250	50.728	35	25.31	201
19	21	53.33	45	47.80	208	45.567	93	62.32	195	20.482	216	85.63	216	50.693	68	27.32	181
29	21	52.88	52	49.88	164	45.474	125	64.27	165	20.266	264	87.79	177	50.625	98	29.13	154
Juli 9	20	52.36	58	51.52	117	45.349	153	65.92	130	20.002	305	89.56	133	50.527	126	30.67	125
19	20	51.78	63	52.69	66	45.196	178	67.22	92	19.697	338	90.89	85	50.401	149	31.92	92
29	19	51.15	67	53.35	15	45.018	198	68.14	51	19.359	362	91.74	35	50.252	169	32.84	57
Aug. 8	18	50.48	68	53.50	38	44.820	211	68.65	10	18.997	377	92.09	16	50.083	182	33.41	20
18	18	49.80	69	53.12	91	44.609	216	68.75	34	18.620	382	91.93	68	49.901	190	33.61	18
28	17	49.11	67	52.21	143	44.393	215	68.41	77	18.238	375	91.25	118	49.711	189	33.43	56
Sept. 7	16	48.44	63	50.78	191	44.178	204	67.64	119	17.863	356	90.07	167	49.522	179	32.87	94
17	16	47.81	58	48.87	237	43.974	184	66.45	161	17.507	326	88.40	214	49.343	162	31.93	132
27	15	47.23	51	46.50	279	43.790	154	64.84	200	17.181	283	86.26	257	49.181	135	30.61	169
Okt. 7	14	46.72	42	43.71	316	43.636	116	62.84	236	16.898	229	83.69	295	49.046	100	28.92	203
17	14	46.30	32	40.55	346	43.520	71	60.48	270	16.669	163	80.74	329	48.946	57	26.89	236
27	13	45.98	21	37.09	370	43.449	18	57.78	298	16.506	90	77.45	356	48.889	9	24.53	264
Nov. 6	12	45.77	7	33.39	386	43.431	38	54.80	320	16.416	9	73.89	375	48.880	44	21.89	287
16	12	45.70	6	29.53	392	43.469	98	51.60	336	16.407	76	70.14	385	48.924	99	19.02	304
26	11	45.76	19	25.61	388	43.567	155	48.24	343	16.483	160	66.29	386	49.023	153	15.98	314
Dez. 6	10	45.95	32	21.73	372	43.722	211	44.81	340	16.643	243	62.43	375	49.176	204	12.84	316
16	10	46.27	45	18.01	347	43.933	259	41.41	327	16.886	320	58.68	353	49.380	248	9.68	308
26	9	46.72	57	14.54	310	44.192	301	38.14	305	17.206	385	55.15	320	49.628	285	6.60	290
36	8	47.29		11.44		44.493		35.09		17.591		51.95		49.913		3.70	
Mittl. Ort		49.85		37.48		43.935		56.42		18.202		76.66		49.147		23.03	
sec δ, tg δ		3.253		+3.095		1.263		+0.771		1.954		+1.679		1.147		+0.562	

Welt-Zeit		573) ν^1 Bootis AR.	Diff.	573) ν^1 Bootis Dekl.	Diff.	575) γ Lupi AR.	Diff.	575) γ Lupi Dekl.	Diff.
1927		$15^h\ 28^m$		+41° 4′		$15^h\ 30^m$		−40° 55′	
Jan. 1	9h	16.404s	323	46.34″	292	13.557s	373	7.97″	34
11	8	16.727	351	43.42	252	13.930	394	8.31	63
21	7	17.078	368	40.90	203	14.324	403	8.94	89
31	7	17.446	374	38.87	148	14.727	404	9.83	114
Feb. 10	6	17.820	370	37.39	89	15.131	395	10.97	133
20	5	18.190	356	36.50	27	15.526	379	12.30	148
März 2	5	18.546	334	36.23	32	15.905	357	13.78	160
12	4	18.880	304	36.55	89	16.262	332	15.38	168
22	3	19.184	270	37.44	141	16.594	302	17.06	173
Apr. 1	3	19.454	232	38.85	185	16.896	271	18.79	174
11	2	19.686	191	40.70	219	17.167	237	20.53	173
21	2	19.877	149	42.89	246	17.404	202	22.26	171
Mai 1	1	20.026	105	45.35	261	17.606	164	23.97	166
11	0	20.131	63	47.96	266	17.770	126	25.63	158
21	0	20.194	20	50.62	264	17.896	85	27.21	149
30	23	20.214	22	53.26	252	17.981	44	28.70	137
Juni 9	22	20.192	62	55.78	232	18.025	3	30.07	122
19	22	20.130	99	58.10	207	18.028	40	31.29	105
29	21	20.031	134	60.17	174	17.988	80	32.34	87
Juli 9	20	19.897	165	61.91	138	17.908	116	33.21	63
19	20	19.732	192	63.29	98	17.792	150	33.84	39
29	19	19.540	212	64.27	56	17.642	178	34.23	13
Aug. 8	18	19.328	227	64.83	12	17.464	198	34.36	13
18	18	19.101	234	64.95	33	17.266	208	34.23	39
28	17	18.867	233	64.62	77	17.058	209	33.84	64
Sept. 7	16	18.634	223	63.85	122	16.849	197	33.20	88
17	16	18.411	202	62.63	166	16.652	175	32.32	106
27	15	18.209	173	60.97	206	16.477	141	31.26	121
Okt. 7	14	18.036	134	58.91	244	16.336	95	30.05	129
17	14	17.902	87	56.47	278	16.241	42	28.76	132
27	13	17.815	34	53.69	307	16.199	19	27.44	127
Nov. 6	12	17.781	25	50.62	331	16.218	84	26.17	115
16	12	17.806	86	47.31	346	16.302	150	25.02	97
26	11	17.892	147	43.85	353	16.452	212	24.05	74
Dez. 6	10	18.039	205	40.32	350	16.664	269	23.31	46
16	10	18.244	258	36.82	336	16.933	319	22.85	16
26	9	18.502	302	33.46	313	17.252	358	22.69	15
36	8	18.804		30.33		17.610		22.84	
Mittl. Ort		18.407		51.91		16.069		21.91	
sec δ, tg δ		1.327		+0.872		1.323		−0.867	

Welt-Zeit		577) γ Librae AR.	Diff.	577) γ Librae Dekl.	Diff.	578) α Coron. bor. AR.	Diff.	578) α Coron. bor. Dekl.	Diff.
1927		$15^h\ 31^m$		−14° 32′		$15^h\ 31^m$		+26° 57′	
Jan. 1	9h	24.292s	302	42.32″	142	33.864s	295	31.08″	272
11	8	24.594	319	43.74	149	34.159	317	28.36	242
21	7	24.913	326	45.23	150	34.476	330	25.94	204
31	7	25.239	326	46.73	145	34.806	333	23.90	159
Feb. 10	6	25.565	319	48.18	137	35.139	328	22.31	109
20	5	25.884	306	49.55	123	35.467	315	21.22	57
März 2	5	26.190	287	50.78	108	35.782	296	20.65	5
12	4	26.477	266	51.86	91	36.078	272	20.60	46
22	3	26.743	242	52.77	73	36.350	244	21.06	92
Apr. 1	3	26.985	217	53.50	56	36.594	213	21.98	133
11	2	27.202	190	54.06	39	36.807	181	23.31	166
21	2	27.392	163	54.45	26	36.988	148	24.97	191
Mai 1	1	27.555	134	54.71	13	37.136	113	26.88	208
11	0	27.689	105	54.84	4	37.249	78	28.96	216
21	0	27.794	75	54.88	4	37.327	44	31.12	217
30	23	27.869	43	54.84	11	37.371	9	33.29	211
Juni 9	22	27.912	11	54.73	16	37.380	24	35.40	197
19	22	27.923	20	54.57	20	37.356	57	37.37	178
29	21	27.903	50	54.37	23	37.299	88	39.15	154
Juli 9	20	27.853	79	54.14	26	37.211	116	40.69	126
19	20	27.774	106	53.88	29	37.095	142	41.95	96
29	19	27.668	127	53.59	30	36.953	161	42.91	62
Aug. 8	18	27.541	143	53.29	32	36.792	176	43.53	26
18	18	27.398	153	52.97	32	36.616	184	43.79	9
28	17	27.245	155	52.65	31	36.432	185	43.70	47
Sept. 7	16	27.090	147	52.34	29	36.247	177	43.23	84
17	16	26.943	131	52.05	24	36.070	160	42.39	120
27	15	26.812	106	51.81	16	35.910	135	41.19	156
Okt. 7	14	26.706	71	51.65	6	35.775	102	39.63	190
17	14	26.635	30	51.59	9	35.673	60	37.73	223
27	13	26.605	19	51.68	25	35.613	12	35.50	251
Nov. 6	12	26.624	70	51.93	44	35.601	40	32.99	275
16	12	26.694	121	52.37	64	35.641	93	30.24	293
26	11	26.815	172	53.01	85	35.734	146	27.31	305
Dez. 6	10	26.987	218	53.86	105	35.880	197	24.26	308
16	10	27.205	258	54.91	123	36.077	241	21.18	303
26	9	27.463	290	56.14	137	36.318	278	18.15	287
36	8	27.753		57.51		36.596		15.28	
Mittl. Ort		26.362		49.93		35.795		33.78	
sec δ, tg δ		1.033		−0.260		1.122		+0.509	

Welt-Zeit		582) α Serpentis AR.		582) Dekl.		583) β Serpentis AR.		583) Dekl.		584) κ Serpentis AR.		584) Dekl.		585) μ Serpentis AR.		585) Dekl.	
1927	h	15h 40m		+6° 39′		15h 42m		+15° 38′		15h 45m		+18° 21′		15h 45m		−3° 12′	
Jan. 1	9	38.271 s	280	17.16″	218	47.100 s	278	56.91″	246	25.216 s	278	56.53″	255	46.451 s	281	24.51″	182
11	8	38.551	300	14.98	205	47.378	300	54.45	227	25.494	300	53.98	232	46.732	300	26.33	178
21	8	38.851	310	12.93	186	47.678	313	52.18	198	25.794	313	51.66	203	47.032	311	28.11	167
31	7	39.161	312	11.07	159	47.991	316	50.20	164	26.107	318	49.63	165	47.343	314	29.78	151
Feb. 10	6	39.473	308	9.48	128	48.307	312	48.56	124	26.425	315	47.98	123	47.657	309	31.29	131
20	6	39.781	296	8.20	93	48.619	302	47.32	81	26.740	304	46.75	78	47.966	298	32.60	105
März 2	5	40.077	280	7.27	57	48.921	285	46.51	36	27.044	288	45.97	31	48.264	283	33.65	79
12	4	40.357	260	6.70	20	49.206	265	46.15	7	27.332	268	45.66	14	48.547	264	34.44	51
22	4	40.617	237	6.50	14	49.471	241	46.22	48	27.600	244	45.80	56	48.811	242	34.95	24
Apr. 1	3	40.854	212	6.64	45	49.712	215	46.70	84	27.844	218	46.36	95	49.053	219	35.19	2
11	2	41.066	186	7.09	72	49.927	187	47.54	115	28.062	190	47.31	127	49.272	194	35.17	23
21	2	41.252	158	7.81	94	50.114	158	48.69	139	28.252	160	48.58	152	49.466	167	34.94	42
Mai 1	1	41.410	130	8.75	110	50.272	128	50.08	157	28.412	129	50.10	171	49.633	139	34.52	56
11	0	41.540	100	9.85	121	50.400	96	51.65	167	28.541	98	51.81	181	49.772	111	33.96	67
21	0	41.640	70	11.06	126	50.496	65	53.32	172	28.639	65	53.62	184	49.883	82	33.29	73
30	23	41.710	40	12.32	126	50.561	33	55.04	169	28.704	32	55.46	182	49.965	50	32.56	76
Juni 9	22	41.750	8	13.58	123	50.594	1	56.73	161	28.736	0	57.28	174	50.015	19	31.80	76
19	22	41.758	22	14.81	114	50.595	30	58.34	149	28.736	33	59.02	159	50.034	12	31.04	73
29	21	41.736	53	15.95	103	50.565	62	59.83	133	28.703	64	60.61	142	50.022	44	30.31	69
Juli 9	20	41.683	80	16.98	90	50.503	90	61.16	112	28.639	93	62.03	119	49.978	72	29.62	62
19	20	41.603	106	17.88	74	50.413	115	62.28	89	28.546	119	63.22	95	49.906	99	29.00	54
29	19	41.497	127	18.62	56	50.298	138	63.17	65	28.427	142	64.17	68	49.807	122	28.46	45
Aug. 8	18	41.370	144	19.18	38	50.160	154	63.82	38	28.285	159	64.85	40	49.685	140	28.01	35
18	18	41.226	154	19.56	18	50.006	164	64.20	11	28.126	169	65.25	9	49.545	151	27.66	24
28	17	41.072	157	19.74	4	49.842	167	64.31	18	27.957	172	65.34	22	49.394	155	27.42	13
Sept. 7	17	40.915	152	19.70	26	49.675	162	64.13	48	27.785	167	65.12	53	49.239	150	27.29	0
17	16	40.763	138	19.44	48	49.513	148	63.65	78	27.618	154	64.59	85	49.089	137	27.29	16
27	15	40.625	115	18.96	72	49.365	125	62.87	107	27.464	131	63.74	117	48.952	115	27.45	32
Okt. 7	15	40.510	83	18.24	97	49.240	95	61.80	137	27.333	100	62.57	148	48.837	83	27.77	49
17	14	40.427	45	17.27	122	49.145	55	60.43	166	27.233	62	61.09	177	48.754	44	28.26	69
27	13	40.382	1	16.05	145	49.090	11	58.77	193	27.171	16	59.32	205	48.710	0	28.95	90
Nov. 6	13	40.381	48	14.60	169	49.079	38	56.84	217	27.155	33	57.27	230	48.710	49	29.85	110
16	12	40.429	97	12.91	190	49.117	90	54.67	237	27.188	84	54.97	251	48.759	99	30.95	131
26	11	40.526	147	11.01	206	49.207	139	52.30	252	27.272	135	52.46	265	48.858	148	32.26	149
Dez. 6	11	40.673	194	8.95	218	49.346	187	49.78	262	27.407	183	49.81	273	49.006	194	33.75	164
16	10	40.867	233	6.77	224	49.533	229	47.16	263	27.590	226	47.08	274	49.200	235	35.39	176
26	9	41.100	266	4.53	223	49.762	264	44.53	256	27.816	262	44.34	265	49.435	268	37.15	182
36	9	41.366		2.30		50.026		41.97		28.078		41.69		49.703		38.97	
Mittl. Ort		40.244		15.13		49.062		57.03		27.188		57.26		48.492		28.86	
sec δ, tg δ		1.007		+0.117		1.038		+0.280		1.054		+0.333		1.002		−0.056	

Welt-Zeit		590) ζ Ursae min. AR.		Dekl.		588) ε Serpentis AR.		Dekl.		589) β Triang. austr. AR.		Dekl.		593) ε Coron. bor. AR.		Dekl.	
1927	h	$15^h\ 46^m$ s		+78° 0′ ″		$15^h\ 47^m$ s		+4° 41′ ″		$15^h\ 48^m$ s		−63° 12′ ″		$15^h\ 54^m$ s		+27° 5′ ″	
Jan. 1	9	33.27	77	62.62	296	8.518	276	49.19	210	37.76	55	9.29	77	31.836	276	15.16	280
11	8	34.04	91	59.66	246	8.794	297	47.09	200	38.31	59	8.52	35	32.112	303	12.36	251
21	8	34.95	102	57.20	189	9.091	308	45.09	182	38.90	62	8.17	8	32.415	320	9.85	215
31	7	35.97	109	55.31	126	9.399	311	43.27	158	39.52	63	8.25	50	32.735	328	7.70	172
Feb. 10	6	37.06	112	54.05	58	9.710	308	41.69	129	40.15	62	8.75	90	33.063	327	5.98	122
20	6	38.18	111	53.47	9	10.018	297	40.40	96	40.77	61	9.65	127	33.390	319	4.76	70
März 2	5	39.29	105	53.56	75	10.315	282	39.44	61	41.38	59	10.92	159	33.709	304	4.06	17
12	4	40.34	97	54.31	137	10.597	263	38.83	27	41.97	55	12.51	188	34.013	284	3.89	34
22	4	41.31	86	55.68	192	10.860	241	38.56	7	42.52	50	14.39	212	34.297	259	4.23	83
Apr. 1	3	42.17	71	57.60	238	11.101	217	38.63	37	43.02	46	16.51	232	34.556	232	5.06	126
11	2	42.88	55	59.98	273	11.318	192	39.00	63	43.48	40	18.83	248	34.788	202	6.32	162
21	2	43.43	37	62.71	298	11.510	165	39.63	84	43.88	34	21.31	258	34.990	169	7.94	191
Mai 1	1	43.80	19	65.69	312	11.675	137	40.47	101	44.22	28	23.89	264	35.159	136	9.85	210
11	1	43.99	1	68.81	314	11.812	107	41.48	112	44.50	21	26.53	265	35.295	102	11.95	221
21	0	44.00	17	71.95	306	11.919	78	42.60	117	44.71	14	29.18	260	35.397	66	14.16	225
30	23	43.83	34	75.01	288	11.997	47	43.77	119	44.85	6	31.78	250	35.463	30	16.41	221
Juni 9	23	43.49	50	77.89	262	12.044	15	44.96	115	44.91	2	34.28	234	35.493	6	18.62	209
19	22	42.99	65	80.51	227	12.059	16	46.11	108	44.89	9	36.62	214	35.487	41	20.71	193
29	21	42.34	77	82.78	188	12.043	47	47.19	98	44.80	16	38.76	187	35.446	75	22.64	170
Juli 9	21	41.57	88	84.66	143	11.996	76	48.17	87	44.64	22	40.63	156	35.371	106	24.34	143
19	20	40.69	97	86.09	94	11.920	102	49.04	72	44.42	28	42.19	119	35.265	134	25.77	112
29	19	39.72	103	87.03	44	11.818	125	49.76	56	44.14	34	43.38	79	35.131	159	26.89	80
Aug. 8	19	38.69	107	87.47	8	11.693	142	50.32	39	43.80	37	44.17	36	34.972	177	27.69	45
18	18	37.62	108	87.39	61	11.551	153	50.71	21	43.43	39	44.53	8	34.795	189	28.14	8
28	17	36.54	107	86.78	113	11.398	158	50.92	1	43.04	39	44.45	52	34.606	193	28.22	30
Sept. 7	17	35.47	104	85.65	162	11.240	153	50.93	19	42.65	38	43.93	95	34.413	190	27.92	67
17	16	34.43	98	84.03	209	11.087	140	50.74	41	42.27	35	42.98	134	34.223	176	27.25	105
27	15	33.45	88	81.94	253	10.947	118	50.33	63	41.92	29	41.64	169	34.047	154	26.20	141
Okt. 7	15	32.57	77	79.41	292	10.829	88	49.70	86	41.63	22	39.95	197	33.893	123	24.79	178
17	14	31.80	63	76.49	326	10.741	49	48.84	110	41.41	14	37.98	216	33.770	84	23.01	211
27	13	31.17	47	73.23	354	10.692	6	47.74	133	41.27	4	35.82	227	33.686	38	20.90	241
Nov. 6	13	30.70	29	69.69	373	10.686	43	46.41	156	41.23	6	33.55	228	33.648	13	18.49	267
16	12	30.41	10	65.96	384	10.729	93	44.85	176	41.29	17	31.27	218	33.661	67	15.82	288
26	11	30.31	10	62.12	385	10.822	142	43.09	194	41.46	27	29.09	201	33.728	120	12.94	302
Dez. 6	11	30.41	30	58.27	375	10.964	188	41.15	207	41.73	36	27.08	174	33.848	171	9.92	308
16	10	30.71	49	54.52	354	11.152	229	39.08	214	42.09	45	25.34	141	34.019	219	6.84	305
26	9	31.20	67	50.98	321	11.381	262	36.94	214	42.54	52	23.93	102	34.238	258	3.79	293
36	9	31.87		47.77		11.643		34.80		43.06		22.91		34.496		0.86	
Mittl. Ort		37.65		71.45		10.524		46.78		41.65		25.77		33.855		17.66	
sec δ, tg δ		4.818		+4.713		1.003		+0.082		2.218		−1.980		1.123		+0.511	

Welt-Zeit		594) δ Scorpii AR.	Δ	Dekl.	Δ	598) ϑ Draconis AR.	Δ	Dekl.	Δ	597) β Scorpii AR.	Δ	Dekl.	Δ	603) δ Ophiuchi AR.	Δ	Dekl.	Δ
1927	h	$15^h\ 55^m$		−22° 24′		$16^h\ 0^m$		+58° 45′		$16^h\ 1^m$		−19° 36′		$16^h\ 10^m$		−3° 30′	
Jan. 1	9	58.503	300	46.86	95	28.620	361	28.19	320	9.046	292	17.58	104	28.941	265	23.73	174
11	9	58.803	322	47.81	107	28.981	415	24.99	278	9.338	313	18.62	115	29.206	288	25.47	170
21	8	59.125	334	48.88	116	29.396	456	22.21	225	9.651	327	19.77	120	29.494	302	27.17	161
31	7	59.459	338	50.04	120	29.852	481	19.96	166	9.978	331	20.97	121	29.796	309	28.78	146
Feb. 10	7	59.797	335	51.24	120	30.333	491	18.30	100	10.309	329	22.18	119	30.105	309	30.24	125
20	6	60.132	325	52.44	116	30.824	487	17.30	33	10.638	320	23.37	112	30.414	302	31.49	101
März 2	5	60.457	310	53.60	110	31.311	468	16.97	35	10.958	307	24.49	102	30.716	291	32.50	75
12	5	60.767	292	54.70	100	31.779	436	17.32	98	11.265	290	25.51	90	31.007	276	33.25	47
22	4	61.059	271	55.70	90	32.215	394	18.30	158	11.555	269	26.41	77	31.283	257	33.72	20
Apr. 1	3	61.330	248	56.60	80	32.609	344	19.88	208	11.824	247	27.18	65	31.540	237	33.92	5
11	3	61.578	222	57.40	69	32.953	285	21.96	249	12.071	223	27.83	53	31.777	213	33.87	27
21	2	61.800	196	58.09	60	33.238	223	24.45	281	12.294	197	28.36	43	31.990	189	33.60	46
Mai 1	1	61.996	167	58.69	51	33.461	157	27.26	302	12.491	168	28.79	33	32.179	163	33.14	60
11	1	62.163	136	59.20	44	33.618	89	30.28	310	12.659	139	29.12	26	32.342	134	32.54	71
21	0	62.299	103	59.64	37	33.707	22	33.38	310	12.798	107	29.38	19	32.476	105	31.83	78
30	23	62.402	70	60.01	31	33.729	45	36.48	299	12.905	74	29.57	14	32.581	73	31.05	80
Juni 9	23	62.472	35	60.32	25	33.684	109	39.47	280	12.979	39	29.71	9	32.654	40	30.25	80
19	22	62.507	0	60.57	20	33.575	170	42.27	252	13.018	4	29.80	5	32.694	7	29.45	76
29	21	62.507	36	60.77	13	33.405	225	44.79	217	13.022	31	29.85	1	32.701	27	28.69	71
Juli 9	21	62.471	69	60.90	6	33.180	275	46.96	178	12.991	65	29.86	4	32.674	58	27.98	64
19	20	62.402	101	60.96	2	32.905	318	48.74	133	12.926	95	29.82	8	32.616	89	27.34	56
29	19	62.301	128	60.94	9	32.587	352	50.07	85	12.831	123	29.74	14	32.527	115	26.78	46
Aug. 8	19	62.173	148	60.85	17	32.235	377	50.92	35	12.708	144	29.60	19	32.412	136	26.32	36
18	18	62.025	163	60.68	24	31.858	393	51.27	15	12.564	160	29.41	23	32.276	152	25.96	25
28	17	61.862	169	60.44	32	31.465	396	51.12	67	12.404	166	29.18	28	32.124	159	25.71	13
Sept. 7	17	61.693	165	60.12	38	31.069	388	50.45	118	12.238	163	28.90	31	31.965	159	25.58	1
17	16	61.528	151	59.74	41	30.681	366	49.27	167	12.075	151	28.59	31	31.806	149	25.57	14
27	16	61.377	128	59.33	42	30.315	333	47.60	214	11.924	129	28.28	30	31.657	129	25.71	29
Okt. 7	15	61.249	95	58.91	39	29.982	286	45.46	258	11.795	97	27.98	26	31.528	102	26.00	46
17	14	61.154	53	58.52	32	29.696	228	42.88	297	11.698	56	27.72	17	31.426	65	26.46	65
27	14	61.101	5	58.20	22	29.468	160	39.91	330	11.642	10	27.55	6	31.361	23	27.11	84
Nov. 6	13	61.096	49	57.98	8	29.308	83	36.61	357	11.632	42	27.49	8	31.338	26	27.95	103
16	12	61.145	102	57.90	9	29.225	0	33.04	375	11.674	95	27.57	26	31.364	75	28.98	122
26	12	61.247	156	57.99	28	29.225	85	29.29	383	11.769	148	27.83	44	31.439	125	30.20	141
Dez. 6	11	61.403	206	58.27	48	29.310	168	25.46	381	11.917	197	28.27	63	31.564	172	31.61	156
16	10	61.609	249	58.75	68	29.478	249	21.65	368	12.114	241	28.90	81	31.736	215	33.17	167
26	10	61.858	286	59.43	86	29.727	322	17.97	343	12.355	277	29.71	97	31.951	250	34.84	173
36	9	62.144		60.29		30.049		14.54		12.632		30.68		32.201		36.57	
Mittl. Ort		60.786		55.34		31.132		35.26		11.313		25.20		31.080		27.51	
sec δ, tg δ		1.082		−0.413		1.928		+1.649		1.062		−0.356		1.002		−0.061	

Welt-Zeit		606) 19 Ursae min. AR.		Dekl.		604) γ^2 Normae AR.		Dekl.		605) ε Ophiuchi AR.		Dekl.		608) τ Herculis AR.		Dekl.	
1927		$16^h 12^m$		+76° 3′		$16^h 14^m$		−49° 58′		$16^h 14^m$		−4° 30′		$16^h 17^m$		+46° 28′	
Jan. 1	10^h	$48^s.72$	59	$35''.66$	320	$18^s.926$	387	$28''.52$	50	$25^s.228$	264	$53''.31$	167	$30^s.457$	286	$65''.95$	323
11	9	49.31	73	32.46	275	19.313	423	28.02	19	25.492	287	54.98	165	30.743	328	62.72	288
21	8	50.04	84	29.71	223	19.736	446	27.83	12	25.779	302	56.63	156	31.071	359	59.84	243
31	8	50.88	91	27.48	162	20.182	458	27.95	43	26.081	309	58.19	143	31.430	380	57.41	189
Feb. 10	7	51.79	95	25.86	97	20.640	460	28.38	71	26.390	309	59.62	123	31.810	389	55.52	130
20	6	52.74	97	24.89	29	21.100	454	29.09	96	26.699	303	60.85	100	32.199	387	54.22	66
März 2	6	53.71	94	24.60	39	21.554	439	30.05	118	27.002	293	61.85	75	32.586	376	53.56	2
12	5	54.65	89	24.99	103	21.993	419	31.23	137	27.295	278	62.60	48	32.962	356	53.54	61
22	4	55.54	80	26.02	162	22.412	393	32.60	154	27.573	260	63.08	22	33.318	328	54.15	119
Apr. 1	4	56.34	69	27.64	213	22.805	364	34.14	166	27.833	240	63.30	2	33.646	295	55.34	171
11	3	57.03	56	29.77	255	23.169	329	35.80	177	28.073	217	63.28	24	33.941	255	57.05	214
21	2	57.59	43	32.32	287	23.498	292	37.57	185	28.290	194	63.04	43	34.196	213	59.19	249
Mai 1	2	58.02	27	35.19	307	23.790	250	39.42	189	28.484	167	62.61	56	34.409	168	61.68	274
11	1	58.29	11	38.26	317	24.040	205	41.31	191	28.651	140	62.05	67	34.577	119	64.42	288
21	0	58.40	4	41.43	315	24.245	157	43.22	189	28.791	109	61.38	73	34.696	71	67.30	293
31	0	58.36	19	44.58	304	24.402	106	45.11	185	28.900	77	60.65	76	34.767	21	70.23	288
Juni 9	23	58.17	34	47.62	283	24.508	52	46.96	175	28.977	44	59.89	76	34.788	29	73.11	274
19	22	57.83	47	50.45	256	24.560	2	48.71	162	29.021	11	59.13	73	34.759	76	75.85	253
29	22	57.36	59	53.01	220	24.558	56	50.33	146	29.032	23	58.40	68	34.683	121	78.38	224
Juli 9	21	56.77	70	55.21	179	24.502	107	51.79	124	29.009	56	57.72	61	34.562	164	80.62	190
19	20	56.07	79	57.00	134	24.395	155	53.03	99	28.953	86	57.11	53	34.398	201	82.52	151
29	20	55.28	86	58.34	85	24.240	196	54.02	70	28.867	113	56.58	45	34.197	233	84.03	109
Aug. 8	19	54.42	91	59.19	34	24.044	229	54.72	40	28.754	135	56.13	36	33.964	258	85.12	64
18	18	53.51	94	59.53	18	23.815	253	55.12	7	28.619	151	55.77	26	33.706	276	85.76	17
28	18	52.57	95	59.35	69	23.562	263	55.19	27	28.468	160	55.51	14	33.430	284	85.93	32
Sept. 7	17	51.62	93	58.66	121	23.299	261	54.92	60	28.308	160	55.37	2	33.146	282	85.61	79
17	16	50.69	89	57.45	171	23.038	245	54.32	90	28.148	150	55.35	10	32.864	269	84.82	127
27	16	49.80	83	55.74	217	22.793	214	53.42	117	27.998	132	55.45	25	32.595	247	83.55	173
Okt. 7	15	48.97	74	53.57	261	22.579	169	52.25	139	27.866	103	55.70	41	32.348	213	81.82	217
17	14	48.23	63	50.96	300	22.410	112	50.86	155	27.763	68	56.11	58	32.135	169	79.65	257
27	14	47.60	50	47.96	333	22.298	47	49.31	163	27.695	25	56.69	77	31.966	116	77.08	293
Nov. 6	13	47.10	35	44.63	358	22.251	26	47.68	165	27.670	23	57.46	96	31.850	57	74.15	324
16	13	46.75	19	41.05	376	22.277	101	46.03	158	27.693	72	58.42	115	31.793	7	70.91	346
26	12	46.56	1	37.29	384	22.378	176	44.45	144	27.765	122	59.57	133	31.800	74	67.45	360
Dez. 6	11	46.55	16	33.45	381	22.554	247	43.01	123	27.887	170	60.90	148	31.874	139	63.85	365
16	11	46.71	34	29.64	367	22.801	310	41.78	98	28.057	212	62.38	160	32.013	201	60.20	358
26	10	47.05	50	25.97	341	23.111	364	40.80	69	28.269	248	63.98	167	32.214	257	56.62	340
36	9	47.55		22.56		23.475		40.11		28.517		65.65		32.471		53.22	
Mittl. Ort		52.91		43.25		22.087		41.06		27.389		57.18		32.729		71.10	
sec δ, tg δ		4.152		+4.030		1.555		−1.191		1.003		−0.079		1.452		+1.053	

Welt-Zeit		609) γ Herculis				611) γ Apodis				615) η Draconis				616) α Scorpii			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927	h	16h 18m		+19° 19′		16h 22m		−78° 43′		16h 22m		+61° 40′		16h 24m		−26° 16′	
Jan. 1	10	39.829	253	23.59	261	3.31	104	56.20	175	57.15	35	38.42	336	53.190	287	9.55	57
11	9	40.082	279	20.98	241	4.35	118	54.45	131	57.50	41	35.06	296	53.477	314	10.12	71
21	8	40.361	299	18.57	212	5.53	127	53.14	83	57.91	46	32.10	246	53.791	332	10.83	83
31	8	40.660	310	16.45	176	6.80	134	52.31	35	58.37	50	29.64	189	54.123	342	11.66	90
Feb. 10	7	40.970	312	14.69	135	8.14	137	51.96	15	58.87	53	27.75	125	54.465	343	12.56	94
20	6	41.282	309	13.34	89	9.51	137	52.11	62	59.40	52	26.50	57	54.808	338	13.50	95
März 2	6	41.591	298	12.45	41	10.88	134	52.73	107	59.92	51	25.93	11	55.146	329	14.45	92
12	5	41.889	284	12.04	6	12.22	129	53.80	149	60.43	49	26.04	77	55.475	315	15.37	88
22	4	42.173	264	12.10	51	13.51	121	55.29	188	60.92	45	26.81	138	55.790	298	16.25	83
Apr. 1	4	42.437	242	12.61	92	14.72	111	57.17	221	61.37	40	28.19	193	56.088	277	17.08	76
11	3	42.679	218	13.53	128	15.83	99	59.38	251	61.77	34	30.12	238	56.365	255	17.84	71
21	2	42.897	190	14.81	156	16.82	86	61.89	274	62.11	27	32.50	274	56.620	229	18.55	65
Mai 1	2	43.087	160	16.37	178	17.68	71	64.63	293	62.38	20	35.24	300	56.849	201	19.20	60
11	1	43.247	129	18.15	191	18.39	55	67.56	304	62.58	13	38.24	313	57.050	171	19.80	56
21	0	43.376	96	20.06	199	18.94	37	70.60	310	62.71	6	41.37	317	57.221	137	20.36	52
31	0	43.472	62	22.05	198	19.31	19	73.70	309	62.77	2	44.54	311	57.358	102	20.88	49
Juni 9	23	43.534	26	24.03	191	19.50	1	76.79	300	62.75	10	47.65	295	57.460	64	21.37	45
19	22	43.560	9	25.94	180	19.51	17	79.79	284	62.65	16	50.60	271	57.524	26	21.82	40
29	22	43.551	43	27.74	162	19.34	35	82.63	261	62.49	23	53.31	239	57.550	14	22.22	35
Juli 9	21	43.508	77	29.36	141	18.99	52	85.24	231	62.26	29	55.70	201	57.536	52	22.57	28
19	21	43.431	108	30.77	116	18.47	67	87.55	193	61.97	34	57.71	159	57.484	88	22.85	20
29	20	43.323	135	31.93	89	17.80	80	89.48	150	61.63	38	59.30	113	57.396	120	23.05	12
Aug. 8	19	43.188	157	32.82	60	17.00	90	90.98	102	61.25	42	60.43	64	57.276	147	23.17	2
18	19	43.031	173	33.42	29	16.10	96	92.00	51	60.83	44	61.07	12	57.129	167	23.19	9
28	18	42.858	181	33.71	3	15.14	100	92.51	4	60.39	45	61.19	40	56.962	177	23.10	20
Sept. 7	17	42.677	182	33.68	36	14.14	98	92.47	58	59.94	45	60.79	92	56.785	179	22.90	30
17	17	42.495	173	33.32	69	13.16	93	91.89	111	59.49	43	59.87	142	56.606	170	22.60	38
27	16	42.322	155	32.63	101	12.23	84	90.78	160	59.06	40	58.45	191	56.436	150	22.22	44
Okt. 7	15	42.167	128	31.62	134	11.39	70	89.18	203	58.66	35	56.54	238	56.286	120	21.78	47
17	15	42.039	93	30.28	166	10.69	53	87.15	239	58.31	29	54.16	280	56.166	81	21.31	46
27	14	41.946	50	28.62	196	10.16	33	84.76	264	58.02	23	51.36	316	56.085	33	20.85	42
Nov. 6	13	41.896	2	26.66	222	9.83	12	82.12	280	57.79	15	48.20	347	56.052	20	20.43	33
16	13	41.894	48	24.44	244	9.71	12	79.32	285	57.64	6	44.73	369	56.072	75	20.10	20
26	12	41.942	100	22.00	262	9.83	35	76.47	278	57.58	3	41.04	382	56.147	130	19.90	5
Dez. 6	11	42.042	149	19.38	273	10.18	57	73.69	261	57.61	13	37.22	385	56.277	183	19.85	12
16	11	42.191	194	16.65	275	10.75	77	71.08	235	57.74	21	33.37	376	56.460	230	19.97	30
26	10	42.385	234	13.90	270	11.52	95	68.73	199	57.95	30	29.61	355	56.690	271	20.27	48
36	9	42.619		11.20		12.47		66.74		58.25		26.06		56.961		20.75	
Mittl. Ort		41.915		24.50		11.94		71.19		59.90		44.84		55.665		17.30	
sec δ, tg δ		1.060		+0.351		5.120		−5.021		2.108		+1.856		1.115		−0.494	

Welt-Zeit		618) β Herculis				619) *A* Draconis				621) σ Herculis				622) ζ Ophiuchi			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927	h	16h 27m		+21° 38′		16 28m		+68° 55′		16h 31m		+42° 34′		16h 33m		−10° 25′	
Jan. 1	10	2.740	246	49.93	270	3.76	40	27.40	336	42.683	261	67.95	324	5.940	255	9.66	133
11	9	2.986	275	47.23	249	4.16	50	24.04	297	42.944	301	64.71	291	6.195	282	10.99	135
21	8	3.261	296	44.74	219	4.66	57	21.07	247	43.245	333	61.80	251	6.477	299	12.34	131
31	8	3.557	309	42.55	182	5.23	62	18.60	188	43.578	355	59.29	201	6.776	309	13.65	124
Feb. 10	7	3.866	313	40.73	138	5.85	65	16.72	125	43.933	365	57.28	144	7.085	312	14.89	111
20	6	4.179	311	39.35	92	6.50	67	15.47	56	44.298	366	55.84	82	7.397	309	16.00	94
März 2	6	4.490	303	38.43	42	7.17	66	14.91	12	44.664	359	55.02	20	7.706	302	16.94	74
12	5	4.793	289	38.01	8	7.83	62	15.03	78	45.023	344	54.82	42	8.008	290	17.68	55
22	4	5.082	271	38.09	55	8.45	58	15.81	140	45.367	321	55.24	99	8.298	274	18.23	34
Apr. 1	4	5.353	249	38.64	97	9.03	51	17.21	195	45.688	292	56.23	153	8.572	257	18.57	14
11	3	5.602	225	39.61	135	9.54	43	19.16	241	45.980	259	57.76	197	8.829	237	18.71	4
21	3	5.827	197	40.96	165	9.97	35	21.57	277	46.239	222	59.73	235	9.066	214	18.67	18
Mai 1	2	6.024	168	42.61	188	10.32	25	24.34	302	46.461	181	62.08	261	9.280	188	18.49	30
11	1	6.192	136	44.49	203	10.57	15	27.36	317	46.642	137	64.69	279	9.468	161	18.19	39
21	1	6.328	103	46.52	211	10.72	4	30.53	321	46.779	92	67.48	286	9.629	131	17.80	44
31	0	6.431	67	48.63	210	10.76	5	33.74	315	46.871	45	70.34	284	9.760	99	17.36	47
Juni 9	23	6.498	31	50.73	205	10.71	15	36.89	298	46.916	1	73.18	273	9.859	65	16.89	47
19	23	6.529	5	52.78	192	10.56	25	39.87	274	46.915	47	75.91	256	9.924	29	16.42	46
29	22	6.524	42	54.70	174	10.31	34	42.61	242	46.868	92	78.47	230	9.953	7	15.96	44
Juli 9	21	6.482	76	56.44	152	9.97	41	45.03	205	46.776	134	80.77	199	9.946	43	15.52	40
19	21	6.406	108	57.96	126	9.56	48	47.08	161	46.642	172	82.76	163	9.903	75	15.12	35
29	20	6.298	137	59.22	98	9.08	53	48.69	114	46.470	205	84.39	123	9.828	106	14.77	31
Aug. 8	19	6.161	160	60.20	66	8.55	58	49.83	65	46.265	232	85.62	80	9.722	131	14.46	26
18	19	6.001	177	60.86	34	7.97	61	50.48	13	46.033	252	86.42	35	9.591	151	14.20	21
28	18	5.824	188	61.20	1	7.36	62	50.61	39	45.781	263	86.77	11	9.440	162	13.99	15
Sept. 7	17	5.636	189	61.21	34	6.74	61	50.22	91	45.518	264	86.66	58	9.278	165	13.84	10
17	17	5.447	181	60.87	69	6.13	60	49.31	143	45.254	256	86.08	104	9.113	158	13.74	2
27	16	5.266	164	60.18	104	5.53	56	47.88	192	44.998	236	85.04	150	8.955	142	13.72	6
Okt. 7	15	5.102	138	59.14	138	4.97	50	45.96	238	44.762	206	83.54	194	8.813	116	13.78	17
17	15	4.964	104	57.76	171	4.47	43	43.58	281	44.556	167	81.60	235	8.697	81	13.95	28
27	14	4.860	61	56.05	201	4.04	34	40.77	317	44.389	118	79.25	272	8.616	39	14.23	43
Nov. 6	13	4.799	14	54.04	229	3.70	24	37.60	348	44.271	63	76.53	304	8.577	8	14.66	59
16	13	4.785	37	51.75	253	3.46	13	34.12	370	44.208	4	73.49	329	8.585	58	15.25	75
26	12	4.822	88	49.22	271	3.33	2	30.42	383	44.204	59	70.20	346	8.643	108	16.00	92
Dez. 6	11	4.910	139	46.51	281	3.31	11	26.59	386	44.263	121	66.74	354	8.751	157	16.92	107
16	11	5.049	186	43.70	284	3.42	22	22.73	377	44.384	180	63.20	352	8.908	201	17.99	120
26	10	5.235	226	40.86	279	3.64	34	18.96	356	44.564	233	59.68	339	9.109	240	19.19	129
36	9	5.461		38.07		3.98		15.40		44.797		56.29		9.349		20.48	
Mittl. Ort		4.853		51.23		7.03		34.03		44.944		72.22		8.218		14.08	
sec δ, tg δ		1.076		+0.397		2.781		+2.595		1.358		+0.919		1.017		−0.184	

Welt-Zeit		626) η Herculis				625) α Triang. austr.				627) Grb 2377				628) ε Scorpii			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927	h	16h 40m		+39° 3′		16h 40m		−68° 53′		16h 43m		+56° 54′		16h 45m		−34° 9′	
		s		″		s		″		s		″		s		″	
Jan. 1	10	21.323	246	33.29	320	49.73	58	33.77	160	51.997	283	37.02	345	23.092	289	36.09	2
11	9	21.569	285	30.09	291	50.31	65	32.17	123	52.280	344	33.57	311	23.381	321	36.11	20
21	9	21.854	316	27.18	253	50.96	72	30.94	83	52.624	393	30.46	266	23.702	344	36.31	37
31	8	22.170	337	24.65	206	51.68	75	30.11	40	53.017	429	27.80	213	24.046	359	36.68	51
Feb. 10	7	22.507	348	22.59	151	52.43	77	29.71	1	53.446	453	25.67	151	24.405	364	37.19	62
20	7	22.855	352	21.08	92	53.20	78	29.72	41	53.899	463	24.16	86	24.769	364	37.81	72
März 2	6	23.207	346	20.16	32	53.98	76	30.13	81	54.362	458	23.30	18	25.133	357	38.53	78
12	5	23.553	332	19.84	29	54.74	74	30.94	117	54.820	443	23.12	48	25.490	347	39.31	82
22	5	23.885	314	20.13	87	55.48	71	32.11	150	55.263	415	23.60	111	25.837	331	40.13	86
Apr. 1	4	24.199	288	21.00	138	56.19	66	33.61	180	55.678	378	24.71	168	26.168	313	40.99	87
11	3	24.487	258	22.38	185	56.85	61	35.41	207	56.056	333	26.39	217	26.481	290	41.86	89
21	3	24.745	225	24.23	221	57.46	54	37.48	229	56.389	280	28.56	257	26.771	265	42.75	91
Mai 1	2	24.970	187	26.44	249	58.00	46	39.77	246	56.669	223	31.13	287	27.036	237	43.66	91
11	1	25.157	147	28.93	268	58.46	38	42.23	260	56.892	161	34.00	306	27.273	205	44.57	91
21	1	25.304	105	31.61	277	58.84	30	44.83	267	57.053	97	37.06	316	27.478	168	45.48	92
31	0	25.409	61	34.38	277	59.14	20	47.50	269	57.150	32	40.22	314	27.646	130	46.40	91
Juni 9	23	25.470	16	37.15	269	59.34	10	50.19	264	57.182	34	43.36	303	27.776	89	47.31	88
19	23	25.486	28	39.84	252	59.44	0	52.83	254	57.148	97	46.39	284	27.865	45	48.19	84
29	22	25.458	71	42.36	229	59.44	11	55.37	236	57.051	157	49.23	257	27.910	0	49.03	78
Juli 9	21	25.387	113	44.65	201	59.33	20	57.73	212	56.894	214	51.80	223	27.910	43	49.81	69
19	21	25.274	151	46.66	167	59.13	28	59.85	182	56.680	265	54.03	185	27.867	85	50.50	59
29	20	25.123	185	48.33	129	58.85	37	61.67	146	56.415	309	55.88	141	27.782	123	51.09	45
Aug. 8	19	24.938	212	49.62	89	58.48	44	63.13	105	56.106	344	57.29	94	27.659	155	51.54	30
18	19	24.726	233	50.51	45	58.04	48	64.18	60	55.762	370	58.23	44	27.504	181	51.84	13
28	18	24.493	245	50.96	1	57.56	51	64.78	13	55.392	386	58.67	6	27.323	196	51.97	4
Sept. 7	18	24.248	249	50.97	45	57.05	51	64.91	35	55.006	389	58.61	57	27.127	201	51.93	23
17	17	23.999	242	50.52	90	56.54	50	64.56	83	54.617	380	58.04	109	26.926	195	51.70	40
27	16	23.757	225	49.62	134	56.04	45	63.73	128	54.237	358	56.95	159	26.731	177	51.30	54
Okt. 7	16	23.532	198	48.28	178	55.59	39	62.45	167	53.879	323	55.36	206	26.554	148	50.76	66
17	15	23.334	161	46.50	219	55.20	29	60.78	201	53.556	276	53.30	251	26.406	108	50.10	75
27	14	23.173	116	44.31	256	54.91	19	58.77	226	53.280	217	50.79	291	26.298	59	49.35	77
Nov. 6	14	23.057	63	41.75	288	54.72	7	56.51	242	53.063	148	47.88	326	26.239	5	48.58	76
16	13	22.994	6	38.87	314	54.65	5	54.09	249	52.915	73	44.62	352	26.234	55	47.82	70
26	12	22.988	53	35.73	334	54.70	18	51.60	245	52.842	6	41.10	370	26.289	114	47.12	59
Dez. 6	12	23.041	112	32.39	344	54.88	31	49.15	232	52.848	88	37.40	379	26.403	171	46.53	45
16	11	23.153	168	28.95	343	55.19	43	46.83	210	52.936	167	33.61	376	26.574	224	46.08	27
26	10	23.321	220	25.52	333	55.62	53	44.73	181	53.103	241	29.85	361	26.798	269	45.81	10
36	10	23.541		22.19		56.15		42.92		53.344		26.24		27.067		45.71	
Mittl. Ort		23.567		36.92		55.05		46.21		54.625		42.25		25.831		43.88	
sec δ, tg δ		1.288		+0.811		2.777		−2.591		1.832		+1.535		1.209		−0.679	

Welt-Zeit		629) 49 Herculis AR.		Dekl.		630) ζ² Scorpii AR.		Dekl.		631) ζ Arae AR.		Dekl.		633) ϰ Ophiuchi AR.		Dekl.	
1927		$16^h\ 48^m$		$+15°\ 5'$		$16^h\ 49^m$		$-42°\ 14'$		$16^h\ 52^m$		$-55°\ 52'$		$16^h\ 54^m$		$+9°\ 29'$	
	h	s		"		s		"		s		"		s		"	
Jan. 1	10	43.214	227	43.43	246	23.393	315	7.90	44	30.514	388	26.38	114	10.505	224	14.74	221
11	9	43.441	257	40.97	231	23.708	351	7.46	21	30.902	437	25.24	86	10.729	253	12.53	210
21	9	43.698	280	38.66	208	24.059	377	7.25	1	31.339	475	24.38	55	10.982	275	10.43	192
31	8	43.978	294	36.58	178	24.436	394	7.26	22	31.814	500	23.83	22	11.257	289	8.51	167
Feb. 10	8	44.272	302	34.80	141	24.830	402	7.48	42	32.314	514	23.61	9	11.546	298	6.84	134
20	7	44.574	303	33.39	99	25.232	404	7.90	59	32.828	517	23.70	39	11.844	299	5.50	99
März 2	6	44.877	298	32.40	55	25.636	398	8.49	74	33.345	513	24.09	67	12.143	295	4.51	59
12	6	45.175	289	31.85	11	26.034	386	9.23	87	33.858	499	24.76	93	12.438	287	3.92	20
22	5	45.464	276	31.74	32	26.420	370	10.10	98	34.357	480	25.69	117	12.725	274	3.72	20
Apr. 1	4	45.740	258	32.06	73	26.790	351	11.08	107	34.837	453	26.86	138	12.999	259	3.92	55
11	4	45.998	238	32.79	108	27.141	326	12.15	116	35.290	421	28.24	157	13.258	240	4.47	88
21	3	46.236	214	33.87	137	27.467	298	13.31	123	35.711	384	29.81	174	13.498	218	5.35	114
Mai 1	2	46.450	187	35.24	161	27.765	265	14.54	129	36.095	339	31.55	187	13.716	193	6.49	136
11	2	46.637	159	36.85	176	28.030	230	15.83	133	36.434	290	33.42	197	13.909	166	7.85	150
21	1	46.796	128	38.61	185	28.260	190	17.16	135	36.724	236	35.39	204	14.075	135	9.35	159
31	0	46.924	94	40.46	188	28.450	145	18.51	136	36.960	177	37.43	207	14.210	102	10.94	162
Juni 10	0	47.018	58	42.34	184	28.595	99	19.87	133	37.137	114	39.50	204	14.312	68	12.56	159
19	23	47.076	21	44.18	175	28.694	50	21.20	128	37.251	49	41.54	197	14.380	32	14.15	152
29	22	47.097	15	45.93	162	28.744	0	22.48	119	37.300	18	43.51	186	14.412	5	15.67	141
Juli 9	22	47.082	51	47.55	143	28.744	49	23.67	108	37.282	83	45.37	169	14.407	41	17.08	125
19	21	47.031	85	48.98	122	28.695	97	24.75	93	37.199	144	47.06	146	14.366	75	18.33	108
29	20	46.946	116	50.20	99	28.598	139	25.68	74	37.055	199	48.52	119	14.291	107	19.41	87
Aug. 8	20	46.830	143	51.19	72	28.459	175	26.42	52	36.856	246	49.71	88	14.184	134	20.28	66
18	19	46.687	163	51.91	45	28.284	204	26.94	29	36.610	283	50.59	54	14.050	156	20.94	43
28	18	46.524	177	52.36	16	28.080	222	27.23	3	36.327	306	51.13	16	13.894	170	21.37	19
Sept. 7	18	46.347	181	52.52	13	27.858	228	27.26	23	36.021	315	51.29	22	13.724	175	21.56	6
17	17	46.166	178	52.39	43	27.630	222	27.03	47	35.706	306	51.07	60	13.549	173	21.50	32
27	16	45.988	164	51.96	74	27.408	203	26.56	71	35.400	282	50.47	95	13.376	160	21.18	58
Okt. 7	16	45.824	141	51.22	105	27.205	170	25.85	90	35.118	241	49.52	126	13.216	138	20.60	84
17	15	45.683	111	50.17	134	27.035	127	24.95	105	34.877	185	48.26	153	13.078	108	19.76	111
27	14	45.572	71	48.83	163	26.908	74	23.90	115	34.692	117	46.73	173	12.970	69	18.65	136
Nov. 6	14	45.501	26	47.20	190	26.834	13	22.75	119	34.575	39	45.00	185	12.901	25	17.29	161
16	13	45.475	23	45.30	213	26.821	52	21.56	117	34.536	44	43.15	189	12.876	22	15.68	182
26	12	45.498	72	43.17	232	26.873	118	20.39	108	34.580	129	41.26	186	12.898	71	13.86	201
Dez. 6	12	45.570	121	40.85	245	26.991	181	19.31	95	34.709	211	39.40	174	12.969	120	11.85	216
16	11	45.691	167	38.40	252	27.172	240	18.36	78	34.920	288	37.66	155	13.089	165	9.69	223
26	10	45.858	208	35.88	252	27.412	291	17.58	57	35.208	357	36.11	132	13.254	205	7.46	225
36	10	46.066		33.36		27.703		17.01		35.565		34.79		13.459		5.21	
Mittl. Ort		45.387		43.70		26.412		16.55		34.298		36.44		12.706		14.23	
sec δ, tg δ		1.036		+0.270		1.351		−0.908		1.783		−1.476		1.014		+0.167	

Welt-Zeit		634) ε Herculis				637) η Ophiuchi				639) ζ Draconis				640) α Herculis			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927	h	16h 57m (s)	Δ	+31° 1′ (″)	Δ	17h 6m (s)	Δ	−15° 38′ (″)	Δ	17h 8m (s)	Δ	+65° 47′ (″)	Δ	17h 11m (s)	Δ	+14° 28′ (″)	Δ
Jan. 1	10	27.535	221	56.05	302	8.921	236	5.67	90	31.11	28	71.44	358	16.848	207	19.97	241
11	10	27.756	258	53.03	280	9.157	266	6.57	95	31.39	37	67.86	327	17.055	240	17.56	228
21	9	28.014	287	50.23	248	9.423	288	7.52	95	31.76	44	64.59	285	17.295	264	15.28	208
31	8	28.301	307	47.75	207	9.711	303	8.47	92	32.20	51	61.74	235	17.559	283	13.20	179
Feb. 10	8	28.608	320	45.68	159	10.014	312	9.39	85	32.71	55	59.39	175	17.842	294	11.41	145
20	7	28.928	324	44.09	106	10.326	315	10.24	74	33.26	58	57.64	110	18.136	299	9.96	104
März 2	6	29.252	322	43.03	50	10.641	312	10.98	60	33.84	58	56.54	43	18.435	298	8.92	61
12	6	29.574	314	42.53	7	10.953	305	11.58	46	34.42	58	56.11	26	18.733	293	8.31	17
22	5	29.888	300	42.60	61	11.258	296	12.04	30	35.00	55	56.37	92	19.026	282	8.14	27
Apr. 1	4	30.188	281	43.21	111	11.554	282	12.34	15	35.55	51	57.29	152	19.308	269	8.41	67
11	4	30.469	257	44.32	155	11.836	265	12.49	3	36.06	45	58.81	205	19.577	252	9.08	104
21	3	30.726	229	45.87	193	12.101	246	12.52	8	36.51	38	60.86	249	19.829	231	10.12	134
Mai 1	2	30.955	199	47.80	222	12.347	223	12.44	16	36.89	31	63.35	284	20.060	207	11.46	158
11	2	31.154	164	50.02	242	12.570	196	12.28	22	37.20	23	66.19	309	20.267	179	13.04	177
21	1	31.318	127	52.44	253	12.766	167	12.06	25	37.43	14	69.28	322	20.446	148	14.81	187
31	0	31.445	88	54.97	256	12.933	135	11.81	26	37.57	6	72.50	325	20.594	115	16.68	191
Juni 10	0	31.533	48	57.53	252	13.068	99	11.55	26	37.63	4	75.75	319	20.709	80	18.59	189
19	23	31.581	6	60.05	240	13.167	61	11.29	23	37.59	13	78.94	304	20.789	42	20.48	181
29	22	31.587	36	62.45	221	13.228	22	11.06	21	37.46	21	81.98	280	20.831	3	22.29	169
Juli 9	22	31.551	75	64.66	197	13.250	17	10.85	17	37.25	29	84.78	249	20.834	34	23.98	151
19	21	31.476	113	66.63	167	13.233	55	10.68	15	36.96	36	87.27	213	20.800	71	25.49	132
29	20	31.363	147	68.30	135	13.178	91	10.53	13	36.60	42	89.40	170	20.729	104	26.81	109
Aug. 8	20	31.216	176	69.65	99	13.087	121	10.40	10	36.18	48	91.10	125	20.625	134	27.90	83
18	19	31.040	199	70.64	62	12.966	146	10.30	9	35.70	52	92.35	75	20.491	157	28.73	57
28	18	30.841	215	71.26	21	12.820	163	10.21	8	35.18	54	93.10	25	20.334	175	29.30	28
Sept. 7	18	30.626	220	71.47	20	12.657	171	10.13	7	34.64	55	93.35	28	20.159	183	29.58	1
17	17	30.406	217	71.27	61	12.486	170	10.06	5	34.09	55	93.07	81	19.976	183	29.57	31
27	17	30.189	205	70.66	103	12.316	159	10.01	2	33.54	52	92.26	132	19.793	173	29.26	60
Okt. 7	16	29.984	182	69.63	143	12.157	137	9.99	1	33.02	49	90.94	183	19.620	153	28.66	91
17	15	29.802	149	68.20	182	12.020	105	10.00	7	32.53	44	89.11	230	19.467	125	27.75	121
27	15	29.653	109	66.38	218	11.915	66	10.07	16	32.09	37	86.81	273	19.342	88	26.54	150
Nov. 6	14	29.544	62	64.20	251	11.849	20	10.23	26	31.72	29	84.08	312	19.254	45	25.04	176
16	13	29.482	9	61.69	278	11.829	29	10.49	38	31.43	20	80.96	343	19.209	1	23.28	201
26	13	29.473	44	58.91	299	11.858	80	10.87	50	31.23	9	77.53	366	19.210	50	21.27	221
Dez. 6	12	29.517	98	55.92	313	11.938	130	11.37	63	31.14	1	73.87	379	19.260	99	19.06	236
16	11	29.615	150	52.79	317	12.068	176	12.00	76	31.15	11	70.08	380	19.359	145	16.70	244
26	11	29.765	197	49.62	311	12.244	217	12.76	86	31.26	22	66.28	370	19.504	187	14.26	245
36	10	29.962		46.51		12.461		13.62		31.48		62.58		19.691		11.81	
Mittl. Ort		29.759		58.40		11.362		9.49		34.30		76.02		19.073		20.29	
sec δ, tg δ		1.167		+0.602		1.038		−0.280		2.440		+2.226		1.033		+0.258	

Welt-Zeit		641) δ Herculis AR.		641) δ Herculis Dekl.		643) π Herculis AR.		643) π Herculis Dekl.		644) ϑ Ophiuchi AR.		644) ϑ Ophiuchi Dekl.		645) β Arae AR.		645) β Arae Dekl.	
1927	h	$17^h\ 11^m$ s		+24° 55′ ″		$17^h\ 12^m$ s		+36° 53′ ″		$17^h\ 17^m$ s		−24° 55′ ″		$17^h\ 19^m$ s		−55° 27′ ″	
Jan. 1	10	59.719	205	25.70	284	27.932	208	23.15	321	28.808	240	37.05	32	9.709	349	39.08	137
11	10	59.924	241	22.86	266	28.140	249	19.94	298	29.048	274	37.37	41	10.058	403	37.71	112
21	9	60.165	269	20.20	239	28.389	284	16.96	266	29.322	298	37.78	48	10.461	446	36.59	85
31	8	60.434	289	17.81	203	28.673	310	14.30	224	29.620	317	38.26	53	10.907	477	35.74	56
Feb. 10	8	60.723	303	15.78	161	28.983	327	12.06	173	29.937	327	38.79	55	11.384	498	35.18	27
20	7	61.026	310	14.17	112	29.310	337	10.33	118	30.264	332	39.34	53	11.882	509	34.91	2
März 2	7	61.336	310	13.05	61	29.647	338	9.15	58	30.596	332	39.87	50	12.391	511	34.93	29
12	6	61.646	304	12.44	8	29.985	332	8.57	2	30.928	326	40.37	45	12.902	505	35.22	55
22	5	61.950	294	12.36	43	30.317	320	8.59	60	31.254	318	40.82	40	13.407	492	35.77	81
Apr. 1	5	62.244	279	12.79	90	30.637	302	9.19	114	31.572	305	41.22	34	13.899	472	36.58	103
11	4	62.523	259	13.69	133	30.939	279	10.33	163	31.877	290	41.56	29	14.371	446	37.61	125
21	3	62.782	235	15.02	170	31.218	250	11.96	203	32.167	271	41.85	26	14.817	413	38.86	144
Mai 1	3	63.017	209	16.72	198	31.468	218	13.99	236	32.438	247	42.11	24	15.230	374	40.30	161
11	2	63.226	178	18.70	219	31.686	181	16.35	260	32.685	220	42.35	24	15.604	329	41.91	175
21	1	63.404	144	20.89	232	31.867	142	18.95	274	32.905	190	42.59	24	15.933	277	43.66	187
31	1	63.548	108	23.21	236	32.009	99	21.69	279	33.095	155	42.83	25	16.210	220	45.53	194
Juni 10	0	63.656	70	25.57	234	32.108	54	24.48	276	33.250	118	43.08	27	16.430	159	47.47	198
19	23	63.726	30	27.91	225	32.162	10	27.24	265	33.368	77	43.35	28	16.589	92	49.45	196
29	23	63.756	11	30.16	209	32.172	36	29.89	246	33.445	34	43.63	29	16.681	25	51.41	189
Juli 9	22	63.745	51	32.25	188	32.136	79	32.35	221	33.479	8	43.92	29	16.706	42	53.30	178
19	21	63.694	88	34.13	163	32.057	121	34.56	192	33.471	49	44.21	28	16.664	107	55.80	161
29	21	63.606	124	35.76	134	31.936	159	36.48	157	33.422	89	44.49	24	16.557	168	56.69	138
Aug. 8	20	63.482	153	37.10	102	31.777	192	38.05	120	33.333	123	44.73	19	16.389	221	58.07	111
18	19	63.329	178	38.12	68	31.585	217	39.25	78	33.210	151	44.92	13	16.168	264	59.18	79
28	19	63.151	196	38.80	33	31.368	236	40.03	36	33.059	171	45.05	5	15.904	294	59.97	44
Sept. 7	18	62.955	204	39.13	5	31.132	245	40.39	8	32.888	182	45.10	2	15.610	310	60.41	7
17	17	62.751	204	39.08	42	30.887	244	40.31	53	32.706	183	45.08	11	15.300	311	60.48	31
27	17	62.547	193	38.66	80	30.643	233	39.78	98	32.523	172	44.97	18	14.989	295	60.17	67
Okt. 7	16	62.354	174	37.86	117	30.410	212	38.80	142	32.351	151	44.79	23	14.694	261	59.50	102
17	15	62.180	144	36.69	154	30.198	181	37.38	185	32.200	119	44.56	26	14.433	212	58.48	131
27	15	62.036	107	35.15	188	30.017	140	35.53	224	32.081	78	44.30	27	14.221	151	57.17	156
Nov. 6	14	61.929	63	33.27	220	29.877	93	33.29	259	32.003	31	44.03	23	14.070	77	55.61	173
16	13	61.866	14	31.07	248	29.784	40	30.70	290	31.972	21	43.80	18	13.993	2	53.88	184
26	13	61.852	37	28.59	269	29.744	16	27.80	313	31.993	74	43.62	9	13.995	84	52.04	186
Dez. 6	12	61.889	88	25.90	284	29.760	74	24.67	328	32.067	127	43.53	2	14.079	167	50.18	180
16	11	61.977	137	23.06	292	29.834	129	21.39	334	32.194	176	43.55	13	14.246	244	48.38	169
26	11	62.114	182	20.14	290	29.963	180	18.05	330	32.370	220	43.68	26	14.490	315	46.69	150
36	10	62.296		17.24		30.143		14.75		32.590		43.94		14.805		45.19	
Mittl. Ort		61.949		27.20		30.232		25.81		31.435		41.44		13.603		46.57	
sec δ, tg δ		1.103		+0.465		1.250		+0.751		1.103		−0.465		1.764		−1.453	

Welt-Zeit		648) δ Arae AR.		648) δ Arae Dekl.		651) α Arae AR.		651) α Arae Dekl.		652) λ Scorpii AR.		652) λ Scorpii Dekl.		653) β Draconis AR.		653) β Draconis Dekl.	
1927		$17^h\ 24^m$		−60° 37′		$17^h\ 26^m$		−49° 49′		$17^h\ 28^m$		−37° 3′		$17^h\ 28^m$		+52° 20′	
Jan. 1	11^h	$25^s.85$	38	22″.54	165	$8^s.161$	307	6″.69	113	$35^s.927$	257	2″.89	45	$44^s.344$	200	74″.03	355
11	10	26.23	44	20.89	140	8.468	355	5.56	92	36.184	296	2.44	30	44.544	260	70.48	331
21	9	26.67	50	19.49	111	8.823	393	4.64	69	36.480	326	2.14	15	44.804	311	67.17	296
31	9	27.17	54	18.38	80	9.216	422	3.95	45	36.806	349	1.99	2	45.115	353	64.21	251
Feb. 10	8	27.71	56	17.58	46	9.638	441	3.50	22	37.155	363	1.97	11	45.468	384	61.70	196
20	7	28.27	58	17.12	14	10.079	451	3.28	2	37.518	372	2.08	22	45.852	405	59.74	135
März 2	7	28.85	58	16.98	18	10.530	453	3.30	24	37.890	373	2.30	31	46.257	414	58.39	71
12	6	29.43	58	17.16	49	10.983	450	3.54	45	38.263	370	2.61	39	46.671	412	57.68	4
22	5	30.01	57	17.65	78	11.433	440	3.99	65	38.633	363	3.00	46	47.083	400	57.64	61
Apr. 1	5	30.58	54	18.43	106	11.873	424	4.64	83	38.996	350	3.46	54	47.483	379	58.25	121
11	4	31.12	51	19.49	132	12.297	403	5.47	101	39.346	334	4.00	60	47.862	350	59.46	177
21	3	31.63	48	20.81	155	12.700	376	6.48	117	39.680	314	4.60	67	48.212	312	61.23	223
Mai 1	3	32.11	43	22.36	175	13.076	344	7.65	131	39.994	289	5.27	74	48.524	268	63.46	262
11	2	32.54	38	24.11	194	13.420	305	8.96	145	40.283	259	6.01	80	48.792	218	66.08	290
21	2	32.92	32	26.05	207	13.725	261	10.41	155	40.542	224	6.81	86	49.010	164	68.98	308
31	1	33.24	25	28.12	217	13.986	212	11.96	162	40.766	185	7.67	91	49.174	107	72.06	317
Juni 10	0	33.49	18	30.29	221	14.198	158	13.58	167	40.951	142	8.58	95	49.281	48	75.23	316
20	0	33.67	11	32.50	221	14.356	100	15.25	167	41.093	95	9.53	96	49.329	13	78.39	305
29	23	33.78	2	34.71	214	14.456	41	16.92	163	41.188	47	10.49	96	49.316	72	81.44	287
Juli 9	22	33.80	5	36.85	202	14.497	20	18.55	154	41.235	2	11.45	92	49.244	130	84.31	262
19	22	33.75	13	38.87	184	14.477	78	20.09	141	41.233	50	12.37	85	49.114	184	86.93	229
29	21	33.62	19	40.71	159	14.399	133	21.50	123	41.183	96	13.22	75	48.930	233	89.22	192
Aug. 8	20	33.43	26	42.30	130	14.266	181	22.73	100	41.087	137	13.97	63	48.697	275	91.14	150
18	20	33.17	31	43.60	95	14.085	222	23.73	74	40.950	170	14.60	46	48.422	309	92.64	105
28	19	32.86	35	44.55	56	13.863	251	24.47	44	40.780	194	15.06	27	48.113	334	93.69	56
Sept. 7	18	32.51	36	45.11	15	13.612	267	24.91	12	40.586	209	15.33	8	47.779	349	94.25	7
17	18	32.15	37	45.26	27	13.345	269	25.03	21	40.377	212	15.41	12	47.430	350	94.32	44
27	17	31.78	35	44.99	68	13.076	257	24.82	53	40.165	202	15.29	32	47.080	341	93.88	96
Okt. 7	16	31.43	32	44.31	107	12.819	229	24.29	82	39.963	180	14.97	50	46.739	319	92.92	145
17	16	31.11	25	43.24	142	12.590	188	23.47	109	39.783	146	14.47	65	46.420	284	91.47	194
27	15	30.86	19	41.82	171	12.402	133	22.38	130	39.637	102	13.82	77	46.136	238	89.53	239
Nov. 6	14	30.67	11	40.11	192	12.269	70	21.08	145	39.535	49	13.05	84	45.898	184	87.14	280
16	14	30.56	2	38.19	206	12.199	1	19.63	154	39.486	7	12.21	86	45.714	120	84.34	314
26	13	30.54	7	36.13	211	12.198	73	18.09	156	39.493	67	11.35	84	45.594	52	81.20	341
Dez. 6	12	30.61	17	34.02	208	12.271	146	16.53	151	39.560	127	10.51	77	45.542	20	77.79	360
16	12	30.78	26	31.94	198	12.417	214	15.02	141	39.687	182	9.74	66	45.562	92	74.19	367
26	11	31.04	34	29.96	180	12.631	277	13.61	125	39.869	234	9.08	53	45.654	160	70.52	363
36	10	31.38		28.16		12.908		12.36		40.103		8.55		45.814		66.89	
Mittl. Ort		30.26		29.94		11.694		13.03		38.900		7.81		46.946		77.19	
sec δ, tg δ		2.039		−1.777		1.550		−1.184		1.253		−0.755		1.637		+1.296	

Welt-Zeit		656) α Ophiuchi AR.		656) α Ophiuchi Dekl.		654) ϑ Scorpii AR.		654) ϑ Scorpii Dekl.		658) ξ Serpentis AR.		658) ξ Serpentis Dekl.		664) ω Draconis AR.		664) ω Draconis Dekl.	
1927	h	17h 31m s		+12° 36′ ″		17h 32m s		−42° 57′ ″		17h 33m s		−15° 21′ ″		17h 37m s		+68° 47′ ″	
Jan. 1	11	30.426	190	42.55	231	0.991	271	6.40	80	21.804	211	12.24	79	19.02	22	27.47	364
11	10	30.616	223	40.24	221	1.262	315	5.60	64	22.015	244	13.03	83	19.24	33	23.83	341
21	10	30.839	250	38.03	202	1.577	349	4.96	45	22.259	269	13.86	83	19.57	43	20.42	306
31	9	31.089	271	36.01	177	1.926	374	4.51	27	22.528	289	14.69	78	20.00	51	17.36	260
Feb. 10	8	31.360	285	34.24	144	2.300	391	4.24	10	22.817	301	15.47	70	20.51	57	14.76	205
20	8	31.645	293	32.80	106	2.691	401	4.14	7	23.118	309	16.17	59	21.08	62	12.71	143
März 2	7	31.938	296	31.74	66	3.092	404	4.21	22	23.427	310	16.76	45	21.70	64	11.28	76
12	6	32.234	294	31.08	23	3.496	401	4.43	37	23.737	308	17.21	31	22.34	65	10.52	9
22	6	32.528	287	30.85	20	3.897	394	4.80	49	24.045	303	17.52	15	22.99	63	10.43	59
Apr. 1	5	32.815	277	31.05	59	4.291	381	5.29	62	24.348	293	17.67	1	23.62	60	11.02	122
11	4	33.092	262	31.64	96	4.672	364	5.91	75	24.641	280	17.68	12	24.22	54	12.24	179
21	4	33.354	245	32.60	126	5.036	342	6.66	86	24.921	264	17.56	23	24.76	48	14.03	228
Mai 1	3	33.599	223	33.86	151	5.378	315	7.52	96	25.185	244	17.33	30	25.24	40	16.31	269
11	2	33.822	197	35.37	169	5.693	282	8.48	107	25.429	220	17.03	35	25.64	31	19.00	299
21	2	34.019	168	37.06	181	5.975	244	9.55	116	25.649	191	16.68	37	25.95	21	21.99	319
31	1	34.187	135	38.87	187	6.219	201	10.71	122	25.840	160	16.31	37	26.16	11	25.18	329
Juni 10	0	34.322	100	40.74	186	6.420	155	11.93	127	26.000	124	15.94	34	26.27	1	28.47	329
20	0	34.422	62	42.60	179	6.575	104	13.20	129	26.124	86	15.60	31	26.28	9	31.76	321
29	23	34.484	23	44.39	168	6.679	50	14.49	128	26.210	46	15.29	25	26.19	19	34.97	302
Juli 9	22	34.507	16	46.07	153	6.729	3	15.77	122	26.256	5	15.04	21	26.00	29	37.99	277
19	22	34.491	54	47.60	134	6.726	56	16.99	113	26.261	35	14.83	15	25.71	38	40.76	244
29	21	34.437	91	48.94	112	6.670	105	18.12	100	26.226	74	14.68	11	25.33	45	43.20	207
Aug. 8	20	34.346	122	50.06	89	6.565	150	19.12	83	26.152	107	14.57	7	24.88	52	45.27	164
18	20	34.224	149	50.95	63	6.415	187	19.95	63	26.045	137	14.50	4	24.36	58	46.91	117
28	19	34.075	168	51.58	37	6.228	214	20.58	39	25.908	158	14.46	2	23.78	62	48.08	68
Sept. 7	18	33.907	181	51.95	9	6.014	230	20.97	14	25.750	171	14.44	0	23.16	64	48.76	16
17	18	33.726	183	52.04	20	5.784	234	21.11	13	25.579	174	14.44	2	22.52	65	48.92	37
27	17	33.543	176	51.84	48	5.550	224	20.98	38	25.405	167	14.46	5	21.87	63	48.55	89
Okt. 7	16	33.367	160	51.36	77	5.326	201	20.60	62	25.238	150	14.51	7	21.24	60	47.66	141
17	16	33.207	134	50.59	106	5.125	165	19.98	83	25.088	122	14.58	12	20.64	55	46.25	192
27	15	33.073	100	49.53	133	4.960	117	19.15	100	24.966	87	14.70	19	20.09	49	44.33	239
Nov. 6	14	32.973	60	48.20	160	4.843	62	18.15	111	24.879	43	14.89	27	19.60	40	41.94	281
16	14	32.913	15	46.60	184	4.781	0	17.04	117	24.836	3	15.16	36	19.20	31	39.13	318
26	13	32.898	33	44.76	205	4.781	64	15.87	118	24.839	53	15.52	47	18.89	20	35.95	347
Dez. 6	13	32.931	80	42.71	220	4.845	128	14.69	113	24.892	103	15.99	58	18.69	9	32.48	366
16	12	33.011	127	40.51	230	4.973	190	13.56	104	24.995	149	16.57	67	18.60	3	28.82	375
26	11	33.138	169	38.21	233	5.163	246	12.52	90	25.144	191	17.24	76	18.63	15	25.07	372
36	11	33.307		35.88		5.409		11.62		25.335		18.00		18.78		21.35	
Mittl. Ort		32.691		42.82		4.196		11.60		24.301		14.66		22.57		30.68	
sec δ, tg δ		1.025		+0.224		1.366		−0.931		1.037		−0.275		2.764		+2.577	

Welt-Zeit		663) ι Herculis AR.	Diff.	663) ι Herculis Dekl.	Diff.	661) η Pavonis AR.	Diff.	661) η Pavonis Dekl.	Diff.	665) β Ophiuchi AR.	Diff.	665) β Ophiuchi Dekl.	Diff.	670) ψ Draconis AR.	Diff.	670) ψ Draconis Dekl.	Diff.
1927	h	17h 37m s		+46° 2′ ″		17h 38m s		−64° 41′ ″		17h 39m s		+4° 35′ ″		17h 43m s		+72° 10′ ″	
Jan. 1	11	21.734	182	36.89	345	28.77	40	21.65	197	49.618	186	47.47	188	9.95	22	63.54	366
11	10	21.916	234	33.44	325	29.17	48	19.68	171	49.804	219	45.59	182	10.17	35	59.88	344
21	10	22.150	279	30.19	293	29.65	54	17.97	143	50.023	247	43.77	169	10.52	47	56.44	310
31	9	22.429	317	27.26	251	30.19	59	16.54	111	50.270	266	42.08	149	10.99	57	53.34	265
Feb. 10	8	22.746	344	24.75	200	30.78	63	15.43	76	50.536	280	40.59	124	11.56	65	50.69	212
20	8	23.090	362	22.75	141	31.41	65	14.67	42	50.816	289	39.35	93	12.21	71	48.57	150
März 2	7	23.452	372	21.34	79	32.06	66	14.25	7	51.105	293	38.42	59	12.92	75	47.07	84
12	6	23.824	372	20.55	15	32.72	66	14.18	27	51.398	292	37.83	25	13.67	75	46.23	17
22	6	24.196	364	20.40	48	33.38	65	14.45	60	51.690	287	37.58	11	14.42	74	46.06	50
Apr. 1	5	24.560	348	20.88	108	34.03	62	15.05	92	51.977	279	37.69	44	15.16	70	46.56	113
11	4	24.908	325	21.96	162	34.65	60	15.97	122	52.256	267	38.13	75	15.86	64	47.69	171
21	4	25.233	295	23.58	209	35.25	56	17.19	150	52.523	250	38.88	100	16.50	56	49.40	221
Mai 1	3	25.528	258	25.67	248	35.81	51	18.69	175	52.773	230	39.88	121	17.06	47	51.61	263
11	2	25.786	218	28.15	277	36.32	45	20.44	196	53.003	207	41.09	136	17.53	36	54.24	294
21	2	26.004	171	30.92	296	36.77	38	22.40	214	53.210	179	42.45	145	17.89	24	57.18	315
31	1	26.175	122	33.88	306	37.15	31	24.54	228	53.389	148	43.90	150	18.13	13	60.33	326
Juni 10	0	26.297	71	36.94	307	37.46	23	26.82	235	53.537	114	45.40	149	18.26	1	63.59	328
20	0	26.368	17	40.01	299	37.69	14	29.17	237	53.651	77	46.89	144	18.27	12	66.87	320
29	23	26.385	36	43.00	282	37.83	4	31.54	235	53.728	38	48.33	134	18.15	24	70.07	303
Juli 9	22	26.349	89	45.82	259	37.87	4	33.89	224	53.766	2	49.67	122	17.91	35	73.10	279
19	22	26.260	138	48.41	229	37.83	13	36.13	206	53.764	40	50.89	106	17.56	45	75.89	248
29	21	26.122	184	50.70	195	37.70	21	38.19	183	53.724	77	51.95	90	17.11	54	78.37	211
Aug. 8	20	25.938	224	52.65	155	37.49	29	40.02	153	53.647	109	52.85	71	16.57	63	80.48	168
18	20	25.714	257	54.20	112	37.20	35	41.55	117	53.538	138	53.56	51	15.94	69	82.16	124
28	19	25.457	281	55.32	66	36.85	40	42.72	77	53.400	158	54.07	31	15.25	74	83.40	74
Sept. 7	19	25.176	297	55.98	18	36.45	42	43.49	34	53.242	172	54.38	11	14.51	77	84.14	23
17	18	24.879	300	56.16	30	36.03	43	43.83	11	53.070	175	54.49	11	13.74	77	84.37	30
27	17	24.579	293	55.86	80	35.60	42	43.72	57	52.895	171	54.38	33	12.97	77	84.07	82
Okt. 7	17	24.286	275	55.06	128	35.18	38	43.15	100	52.724	155	54.05	55	12.20	73	83.25	134
17	16	24.011	245	53.78	176	34.80	32	42.15	139	52.569	130	53.50	77	11.47	68	81.91	185
27	15	23.766	205	52.02	220	34.48	25	40.76	173	52.439	98	52.73	99	10.79	61	80.06	232
Nov. 6	15	23.561	156	49.82	261	34.23	16	39.03	201	52.341	58	51.74	121	10.18	51	77.74	276
16	14	23.405	101	47.21	296	34.07	6	37.02	219	52.283	13	50.53	141	9.67	40	74.98	313
26	13	23.304	39	44.25	324	34.01	4	34.83	229	52.270	33	49.12	159	9.27	28	71.85	343
Dez. 6	13	23.265	24	41.01	344	34.05	15	32.54	231	52.303	79	47.53	174	8.99	14	68.42	363
16	12	23.289	87	37.57	354	34.20	26	30.23	224	52.382	125	45.79	184	8.85	1	64.79	374
26	11	23.376	148	34.03	352	34.46	35	27.99	209	52.507	166	43.95	188	8.84	14	61.05	373
36	11	23.524		30.51		34.81		25.90		52.673		42.07		8.98		57.32	
Mittl. Ort		24.204		39.45		33.79		27.86		51.928		47.16		13.94		66.45	
sec δ, tg δ		1.441		+1.037		2.339		−2.115		1.003		+0.080		3.269		+3.112	

Welt-Zeit		667) μ Herculis AR.		667) μ Herculis Dekl.		671) ξ Draconis AR.		671) ξ Draconis Dekl.		675) 35 Draconis AR.		675) 35 Draconis Dekl.		672) ϑ Herculis AR.		672) ϑ Herculis Dekl.	
1927	h	$17^h\ 43^m$ s		$+27°\ 45'$ ″		$17^h\ 52^m$ s		$+56°\ 52'$ ″		$17^h\ 52^m$ s		$+76°\ 58'$ ″		$17^h\ 53^m$ s		$+37°\ 15'$ ″	
Jan. 1	11	33.725	172	42.92	295	13.181	166	58.69	363	37.80	22	22.50	361	42.571	160	31.64	324
11	10	33.897	212	39.97	280	13.347	236	55.06	344	38.02	40	18.89	343	42.731	205	28.40	309
21	10	34.109	244	37.17	256	13.583	300	51.62	313	38.42	57	15.46	311	42.936	245	25.31	282
31	9	34.353	271	34.61	222	13.883	353	48.49	272	38.99	71	12.35	269	43.181	277	22.49	246
Feb. 10	8	34.624	290	32.39	180	14.236	396	45.77	219	39.70	83	9.66	218	43.458	303	20.03	200
20	8	34.914	304	30.59	132	14.632	426	43.58	160	40.53	92	7.48	158	43.761	321	18.03	147
März 2	7	35.218	310	29.27	80	15.058	445	41.98	96	41.45	98	5.90	94	44.082	331	16.56	89
12	6	35.528	310	28.47	25	15.503	452	41.02	29	42.43	100	4.96	28	44.413	335	15.67	30
22	6	35.838	306	28.22	29	15.955	446	40.73	38	43.43	98	4.68	39	44.748	331	15.37	30
Apr. 1	5	36.144	295	28.51	80	16.401	429	41.11	102	44.41	94	5.07	103	45.079	322	15.67	87
11	4	36.439	280	29.31	127	16.830	401	42.13	159	45.35	86	6.10	161	45.401	305	16.54	139
21	4	36.719	260	30.58	167	17.231	363	43.72	211	46.21	75	7.71	211	45.706	284	17.93	185
Mai 1	3	36.979	236	32.25	200	17.594	318	45.83	254	46.96	63	9.82	254	45.990	256	19.78	223
11	3	37.215	207	34.25	226	17.912	264	48.37	286	47.59	49	12.36	288	46.246	223	22.01	253
21	2	37.422	173	36.51	243	18.176	206	51.23	311	48.08	33	15.24	310	46.469	186	24.54	274
31	1	37.595	137	38.94	251	18.382	141	54.34	323	48.41	17	18.34	324	46.655	144	27.28	286
Juni 10	1	37.732	98	41.45	253	18.523	75	57.57	327	48.58	0	21.58	327	46.799	100	30.14	288
20	0	37.830	56	43.98	247	18.598	6	60.84	322	48.58	16	24.85	322	46.899	54	33.02	284
29	23	37.886	12	46.45	233	18.604	62	64.06	307	48.42	33	28.07	307	46.953	5	35.86	271
Juli 9	23	37.898	30	48.78	214	18.542	128	67.13	285	48.09	48	31.14	284	46.958	42	38.57	251
19	22	37.868	73	50.92	191	18.414	191	69.98	256	47.61	63	33.98	256	46.916	88	41.08	225
29	21	37.795	112	52.83	162	18.223	250	72.54	222	46.98	75	36.54	220	46.828	132	43.33	194
Aug. 8	21	37.683	146	54.45	130	17.973	300	74.76	181	46.23	86	38.74	180	46.696	170	45.27	160
18	20	37.537	176	55.75	95	17.673	343	76.57	136	45.37	95	40.54	136	46.526	203	46.87	120
28	19	37.361	198	56.70	58	17.330	375	77.93	89	44.42	102	41.90	89	46.323	229	48.07	79
Sept. 7	19	37.163	212	57.28	20	16.955	396	78.82	39	43.40	106	42.79	38	46.094	246	48.86	36
17	18	36.951	217	57.48	19	16.559	404	79.21	12	42.34	108	43.17	13	45.848	252	49.22	9
27	17	36.734	212	57.29	60	16.155	400	79.09	65	41.26	107	43.04	65	45.596	249	49.13	55
Okt. 7	17	36.522	197	56.69	99	15.755	382	78.44	118	40.19	104	42.39	117	45.347	235	48.58	100
17	16	36.325	172	55.70	139	15.373	351	77.26	167	39.15	97	41.22	168	45.112	210	47.58	145
27	15	36.153	139	54.31	176	15.022	306	75.59	216	38.18	88	39.54	216	44.902	176	46.13	188
Nov. 6	15	36.014	98	52.55	211	14.716	251	73.43	261	37.30	76	37.38	260	44.726	134	44.25	227
16	14	35.916	51	50.44	242	14.465	186	70.82	299	36.54	62	34.78	298	44.592	85	41.98	263
26	13	35.865	2	48.02	267	14.279	113	67.83	331	35.92	46	31.80	330	44.507	33	39.35	291
Dez. 6	13	35.863	50	45.35	287	14.166	37	64.52	354	35.46	28	28.50	353	44.474	22	36.44	313
16	12	35.913	100	42.48	297	14.129	42	60.98	367	35.18	9	24.97	366	44.496	78	33.31	326
26	11	36.013	147	39.51	298	14.171	121	57.31	368	35.09	9	21.31	366	44.574	131	30.05	327
36	11	36.160		36.53		14.292		53.63		35.18		17.65		44.705		26.78	
Mittl. Ort		36.015		44.35		15.974		61.01		42.85		24.88		44.938		33.35	
sec δ, tg δ		1.130		+0.526		1.830		+1.533		4.437		+4.322		1.256		+0.761	

16

Welt-Zeit		676) γ Draconis				673) ν Ophiuchi				677) 67 Ophiuchi				679) γ Sagittarii			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927	h	$17^h 54^m$		$+51° 29'$		$17^h 54^m$		$-9° 45'$		$17^h 56^m$		$+2° 55'$		$18^h 1^m$		$-30° 25'$	
Jan. 1	11	52.010	159	46.44	356	57.957	185	56.71	103	56.962	172	61.57	175	4.200	208	33.89	24
11	11	52.169	219	42.88	339	58.142	219	57.74	104	57.134	206	59.82	170	4.408	247	33.65	16
21	10	52.388	274	39.49	310	58.361	246	58.78	99	57.340	234	58.12	159	4.655	279	33.49	9
31	9	52.662	320	36.39	268	58.607	267	59.77	91	57.574	256	56.53	141	4.934	303	33.40	3
Feb. 10	9	52.982	356	33.71	218	58.874	284	60.68	77	57.830	273	55.12	117	5.237	322	33.37	2
20	8	53.338	383	31.53	161	59.158	294	61.45	60	58.103	283	53.95	89	5.559	335	33.39	5
März 2	7	53.721	399	29.92	98	59.452	299	62.05	41	58.386	290	53.06	57	5.894	342	33.44	6
12	7	54.120	404	28.94	32	59.751	301	62.46	20	58.676	292	52.49	24	6.236	345	33.50	8
22	6	54.524	401	28.62	34	60.052	298	62.66	1	58.968	290	52.25	11	6.581	343	33.58	8
Apr. 1	5	54.925	387	28.96	96	60.350	293	62.65	21	59.258	284	52.36	42	6.924	338	33.66	10
11	5	55.312	364	29.92	153	60.643	283	62.44	38	59.542	275	52.78	71	7.262	328	33.76	12
21	4	55.676	333	31.45	204	60.926	269	62.06	53	59.817	261	53.49	97	7.590	314	33.88	14
Mai 1	3	56.009	295	33.49	247	61.195	252	61.53	65	60.078	243	54.46	117	7.904	294	34.02	19
11	3	56.304	250	35.96	279	61.447	230	60.88	73	60.321	221	55.63	131	8.198	271	34.21	25
21	2	56.554	199	38.75	303	61.677	204	60.15	76	60.542	195	56.94	142	8.469	242	34.46	31
31	1	56.753	145	41.78	317	61.881	174	59.39	76	60.737	164	58.36	145	8.711	207	34.77	39
Juni 10	1	56.898	86	44.95	321	62.055	139	58.63	74	60.901	131	59.81	145	8.918	168	35.16	45
20	0	56.984	27	48.16	315	62.194	102	57.89	68	61.032	93	61.26	140	9.086	126	35.61	51
29	23	57.011	34	51.31	302	62.296	62	57.21	61	61.125	54	62.66	131	9.212	80	36.12	57
Juli 9	23	56.977	94	54.33	281	62.358	22	56.60	53	61.179	14	63.97	119	9.292	33	36.69	59
19	22	56.883	150	57.14	253	62.380	20	56.07	44	61.193	25	65.16	104	9.325	14	37.28	61
29	21	56.733	202	59.67	218	62.360	59	55.63	34	61.168	64	66.20	88	9.311	61	37.89	58
Aug. 8	21	56.531	249	61.85	180	62.301	95	55.29	25	61.104	99	67.08	70	9.250	102	38.47	54
18	20	56.282	288	63.65	137	62.206	126	55.04	17	61.005	129	67.78	52	9.148	139	39.01	46
28	19	55.994	318	65.02	90	62.080	150	54.87	8	60.876	153	68.30	32	9.009	167	39.47	37
Sept. 7	19	55.676	338	65.92	42	61.930	166	54.79	0	60.723	168	68.62	14	8.842	187	39.84	24
17	18	55.338	346	66.34	9	61.764	172	54.79	7	60.555	175	68.76	7	8.655	195	40.08	12
27	18	54.992	343	66.25	60	61.592	169	54.86	15	60.380	173	68.69	27	8.460	193	40.20	3
Okt. 7	17	54.649	326	65.65	111	61.423	156	55.01	23	60.207	159	68.42	47	8.267	178	40.17	15
17	16	54.323	298	64.54	161	61.267	132	55.24	32	60.048	137	67.95	68	8.089	153	40.02	27
27	16	54.025	259	62.93	208	61.135	100	55.56	43	59.911	107	67.27	88	7.936	117	39.75	36
Nov. 6	15	53.766	209	60.85	252	61.035	61	55.99	53	59.804	69	66.39	108	7.819	72	39.39	42
16	14	53.557	151	58.33	291	60.974	17	56.52	64	59.735	27	65.31	128	7.747	23	38.97	46
26	14	53.406	86	55.42	323	60.957	30	57.16	75	59.708	19	64.03	145	7.724	30	38.51	46
Dez. 6	13	53.320	18	52.19	346	60.987	77	57.91	86	59.727	65	62.58	159	7.754	85	38.05	42
16	12	53.302	51	48.73	359	61.064	122	58.77	95	59.792	110	60.99	170	7.839	136	37.63	36
26	12	53.353	119	45.14	361	61.186	165	59.72	102	59.902	151	59.29	174	7.975	185	37.27	30
36	11	53.472		41.53		61.351		60.74		60.053		57.55		8.160		36.97	
Mittl. Ort		54.627		48.54		60.412		57.64		59.304		61.53		7.042		35.80	
sec δ, tg δ		1.606		+1.257		1.015		−0.172		1.001		+0.051		1.160		−0.587	

Welt-Zeit		680) 72 Ophiuchi				681) ο Herculis				682) μ Sagittarii				688) η Serpentis			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927	h	18h 3m s		+9° 32′ ″		18h 4m s		+28° 44′ ″		18h 9m s		−21° 4′ ″		18h 17m s		−2° 55′ ″	
Jan. 1	11	50.982	161	67.52	208	39.355	149	63.52	294	21.184	185	45.29	29	29.515	156	9.13	138
11	11	51.143	195	65.44	201	39.504	191	60.58	283	21.369	221	45.58	32	29.671	191	10.51	135
21	10	51.338	226	63.43	187	39.695	226	57.75	260	21.590	252	45.90	33	29.862	221	11.86	126
31	9	51.564	249	61.56	165	39.921	256	55.15	229	21.842	275	46.23	33	30.083	244	13.12	113
Feb. 10	9	51.813	267	59.91	137	40.177	279	52.86	189	22.117	294	46.56	29	30.327	263	14.25	95
20	8	52.080	280	58.54	103	40.456	296	50.97	142	22.411	306	46.85	22	30.590	277	15.20	72
März 2	7	52.360	288	57.51	66	40.752	307	49.55	90	22.717	315	47.07	15	30.867	286	15.92	46
12	7	52.648	292	56.85	26	41.059	312	48.65	35	23.032	318	47.22	6	31.153	292	16.38	18
22	6	52.940	290	56.59	14	41.371	311	48.30	20	23.350	318	47.28	3	31.445	293	16.56	9
Apr. 1	5	53.230	286	56.73	52	41.682	304	48.50	72	23.668	315	47.25	12	31.738	290	16.47	36
11	5	53.516	276	57.25	87	41.986	292	49.22	121	23.983	307	47.13	19	32.028	284	16.11	61
21	4	53.792	263	58.12	117	42.278	276	50.43	164	24.290	295	46.94	23	32.312	274	15.50	81
Mai 1	3	54.055	245	59.29	142	42.554	254	52.07	200	24.585	279	46.71	26	32.586	258	14.69	98
11	3	54.300	223	60.71	161	42.808	226	54.07	228	24.864	257	46.45	26	32.844	239	13.71	110
21	2	54.523	197	62.32	173	43.034	194	56.35	248	25.121	231	46.19	23	33.083	214	12.61	117
31	1	54.720	166	64.05	180	43.228	158	58.83	259	25.352	200	45.96	19	33.297	186	11.44	120
Juni 10	1	54.886	131	65.85	182	43.386	118	61.42	264	25.552	165	45.77	13	33.483	153	10.24	118
20	0	55.017	94	67.67	176	43.504	77	64.06	259	25.717	125	45.64	7	33.636	116	9.06	112
30	0	55.111	54	69.43	166	43.581	32	66.65	249	25.842	83	45.57	0	33.752	76	7.94	104
Juli 9	23	55.165	14	71.09	153	43.613	13	69.14	231	25.925	39	45.57	7	33.828	35	6.90	93
19	22	55.179	27	72.62	136	43.600	56	71.45	208	25.964	5	45.64	12	33.863	6	5.97	80
29	22	55.152	66	73.98	117	43.544	98	73.53	183	25.959	49	45.76	16	33.857	47	5.17	66
Aug. 8	21	55.086	101	75.15	95	43.446	136	75.36	151	25.910	88	45.92	19	33.810	83	4.51	52
18	20	54.985	132	76.10	72	43.310	169	76.87	116	25.822	123	46.11	19	33.727	117	3.99	37
28	20	54.853	157	76.82	48	43.141	193	78.03	80	25.699	151	46.30	19	33.610	144	3.62	22
Sept. 7	19	54.696	173	77.30	22	42.948	212	78.83	41	25.548	170	46.49	16	33.466	162	3.40	8
17	18	54.523	181	77.52	3	42.736	220	79.24	1	25.378	179	46.65	12	33.304	172	3.32	7
27	18	54.342	179	77.49	29	42.516	218	79.25	40	25.199	179	46.77	9	33.132	173	3.39	21
Okt. 7	17	54.163	168	77.20	56	42.298	207	78.85	81	25.020	167	46.86	5	32.959	163	3.60	36
17	16	53.995	146	76.64	82	42.091	185	78.04	121	24.853	144	46.91	2	32.796	143	3.96	51
27	16	53.849	118	75.82	108	41.906	155	76.83	159	24.709	112	46.93	1	32.653	116	4.47	66
Nov. 6	15	53.731	81	74.74	132	41.751	117	75.24	197	24.597	73	46.94	1	32.537	81	5.13	81
16	14	53.650	39	73.42	155	41.634	72	73.27	229	24.524	27	46.95	4	32.456	40	5.94	96
26	14	53.611	6	71.87	176	41.562	25	70.98	257	24.497	21	46.99	7	32.416	5	6.90	109
Dez. 6	13	53.617	52	70.11	192	41.537	26	68.41	278	24.518	70	47.06	14	32.421	50	7.99	122
16	12	53.669	97	68.19	204	41.563	76	65.63	292	24.588	119	47.20	19	32.471	93	9.21	131
26	12	53.766	139	66.15	208	41.639	124	62.71	297	24.707	163	47.39	26	32.564	136	10.52	136
36	11	53.905		64.07		41.763		59.74		24.870		47.65		32.700		11.88	
Mittl. Ort		53.295		67.97		41.669		64.73		23.826		46.12		31.917		8.84	
sec δ, tg δ		1.014		+0.168		1.141		+0.549		1.072		−0.385		1.001		−0.051	

Welt-Zeit		689) ε Sagittarii AR.	Δ	689) ε Sagittarii Dekl.	Δ	690) 109 Herculis AR.	Δ	690) 109 Herculis Dekl.	Δ
1927	h	18h 19m s		−34° 25′ ″		18h 20m s		+21° 43′ ″	
Jan. 1	12	16.614	196	13.75	57	32.903	137	66.05	264
11	11	16.810	237	13.18	51	33.040	176	63.41	255
21	10	17.047	273	12.67	44	33.216	209	60.86	238
31	10	17.320	302	12.23	36	33.425	239	58.48	211
Feb. 10	9	17.622	324	11.87	29	33.664	261	56.37	176
20	8	17.946	340	11.58	24	33.925	279	54.61	135
März 2	8	18.286	351	11.34	18	34.204	291	53.26	88
12	7	18.637	358	11.16	13	34.495	299	52.38	40
22	6	18.995	359	11.03	9	34.794	300	51.98	11
Apr. 1	6	19.354	357	10.94	2	35.094	298	52.09	59
11	5	19.711	349	10.92	4	35.392	290	52.68	104
21	4	20.060	337	10.96	11	35.682	277	53.72	143
Mai 1	4	20.397	320	11.07	20	35.959	259	55.15	177
11	3	20.717	297	11.27	29	36.218	236	56.92	204
21	2	21.014	269	11.56	40	36.454	208	58.96	223
31	2	21.283	234	11.96	50	36.662	175	61.19	235
Juni 10	1	21.517	194	12.46	60	36.837	139	63.54	239
20	0	21.711	150	13.06	69	36.976	100	65.93	236
30	0	21.861	102	13.75	76	37.076	57	68.29	227
Juli 9	23	21.963	53	14.51	81	37.133	14	70.56	212
19	23	22.016	2	15.32	83	37.147	29	72.68	193
29	22	22.018	48	16.15	81	37.118	71	74.61	169
Aug. 8	21	21.970	93	16.96	76	37.047	109	76.30	142
18	21	21.877	134	17.72	67	36.938	142	77.72	112
28	20	21.743	167	18.39	55	36.796	170	78.84	79
Sept. 7	19	21.576	191	18.94	41	36.626	189	79.63	46
17	19	21.385	203	19.35	25	36.437	200	80.09	10
27	18	21.182	204	19.60	6	36.237	200	80.19	25
Okt. 7	17	20.978	193	19.66	11	36.037	192	79.94	62
17	17	20.785	170	19.55	28	35.845	174	79.32	97
27	16	20.615	136	19.27	43	35.671	146	78.35	132
Nov. 6	15	20.479	93	18.84	54	35.525	111	77.03	166
16	15	20.386	43	18.30	63	35.414	70	75.37	196
26	14	20.343	11	17.67	67	35.344	26	73.41	222
Dez. 6	13	20.354	66	17.00	69	35.318	21	71.19	244
16	13	20.420	120	16.31	67	35.339	68	68.75	257
26	12	20.540	171	15.64	62	35.407	113	66.18	264
36	11	20.711		15.02		35.520		63.54	
Mittl. Ort		19.590		14.46		35.206		66.96	
sec δ, tg δ		1.212		−0.685		1.077		+0.399	

Welt-Zeit		691) α Telescopii AR.	Δ	691) α Telescopii Dekl.	Δ	695) χ Draconis AR.	Δ	695) χ Draconis Dekl.	Δ
1927	h	18h 21m s		−46° 0′ ″		18h 22m s		+72° 41′ ″	
Jan. 1	12	30.203	220	36.07	128	18.33	10	64.90	368
11	11	30.423	270	34.79	117	18.43	23	61.22	357
21	10	30.693	313	33.62	105	18.66	37	57.65	333
31	10	31.006	349	32.57	91	19.03	49	54.32	297
Feb. 10	9	31.355	376	31.66	75	19.52	59	51.35	251
20	8	31.731	397	30.91	59	20.11	67	48.84	196
März 2	8	32.128	411	30.32	43	20.78	73	46.88	134
12	7	32.539	419	29.89	26	21.51	76	45.54	67
22	6	32.958	422	29.63	9	22.27	77	44.87	1
Apr. 1	6	33.380	418	29.54	8	23.04	75	44.86	65
11	5	33.798	410	29.62	25	23.79	71	45.51	126
21	4	34.208	395	29.87	43	24.50	65	46.77	183
Mai 1	4	34.603	374	30.30	61	25.15	57	48.60	231
11	3	34.977	347	30.91	78	25.72	48	50.91	270
21	2	35.324	312	31.69	95	26.20	36	53.61	301
31	2	35.636	271	32.64	111	26.56	24	56.62	321
Juni 10	1	35.907	224	33.75	123	26.80	12	59.83	332
20	0	36.131	172	34.98	133	26.92	0	63.15	333
30	0	36.303	115	36.31	141	26.92	13	66.48	325
Juli 9	23	36.418	56	37.72	143	26.79	26	69.73	309
19	23	36.474	4	39.15	141	26.53	37	72.82	286
29	22	36.470	61	40.56	135	26.16	48	75.68	256
Aug. 8	21	36.409	116	41.91	122	25.68	57	78.24	219
18	21	36.293	164	43.13	106	25.11	66	80.43	179
28	20	36.129	202	44.19	85	24.45	72	82.22	133
Sept. 7	19	35.927	231	45.04	60	23.73	77	83.55	84
17	19	35.696	246	45.64	32	22.96	80	84.39	34
27	18	35.450	248	45.96	3	22.16	80	84.73	20
Okt. 7	17	35.202	236	45.99	27	21.36	79	84.53	73
17	17	34.966	209	45.72	55	20.57	75	83.80	126
27	16	34.757	171	45.17	80	19.82	70	82.54	177
Nov. 6	15	34.586	121	44.37	102	19.12	61	80.77	227
16	15	34.465	63	43.35	118	18.51	52	78.50	271
26	14	34.402	1	42.17	131	17.99	40	75.79	308
Dez. 6	13	34.403	65	40.86	136	17.59	27	2. 1	339
16	13	34.468	129	39.50	137	17.32	14	69.32	359
26	12	34.597	190	38.13	133	17.18	1	65.73	368
36	11	34.787		36.80		17.19		62.05	
Mittl. Ort		33.647		37.00		22.47		65.67	
sec δ, tg δ		1.440		−1.036		3.363		+3.211	

Welt-Zeit		694) *b* Draconis AR.		Dekl.		699) α Lyrae AR.		Dekl.		698) ζ Pavonis AR.		Dekl.		703) 110 Herculis AR.		Dekl.	
1927		18h 22m		+58° 45′		18h 34m		+38° 42′		18h 34m		−71° 29′		18h 42m		+20° 28′	
	h	s		″		s		″		s		″		s		″	
Jan. 1	12	47.789	109	27.71	365	25.593	109	52.48	322	24.12	35	36.46	262	28.866	115	30.13	253
11	11	47.898	187	24.06	353	25.702	158	49.26	315	24.47	47	33.84	248	28.981	153	27.60	248
21	10	48.085	257	20.53	329	25.860	203	46.11	295	24.94	57	31.36	228	29.134	189	25.12	232
31	10	48.342	321	17.24	293	26.063	241	43.16	265	25.51	66	29.08	202	29.323	219	22.80	208
Feb. 10	9	48.663	374	14.31	247	26.304	274	40.51	224	26.17	74	27.06	171	29.542	244	20.72	177
20	8	49.037	417	11.84	192	26.578	300	38.27	175	26.91	79	25.35	138	29.786	265	18.95	138
März 2	8	49.454	446	9.92	129	26.878	320	36.52	120	27.70	84	23.97	101	30.051	281	17.57	94
12	7	49.900	464	8.63	64	27.198	332	35.32	61	28.54	86	22.96	64	30.332	292	16.63	46
22	6	50.364	468	7.99	3	27.530	338	34.71	1	29.40	87	22.32	25	30.624	297	16.17	2
Apr. 1	6	50.832	460	8.02	69	27.868	337	34.70	58	30.27	86	22.07	14	30.921	299	16.19	50
11	5	51.292	440	8.71	130	28.205	328	35.28	114	31.13	85	22.21	52	31.220	294	16.69	95
21	4	51.732	408	10.01	186	28.533	313	36.42	164	31.98	82	22.73	90	31.514	286	17.64	135
Mai 1	4	52.140	367	11.87	233	28.846	292	38.06	208	32.80	77	23.63	125	31.800	271	18.99	170
11	3	52.507	316	14.20	272	29.138	263	40.14	244	33.57	70	24.88	159	32.071	250	20.69	197
21	2	52.823	258	16.92	303	29.401	229	42.58	271	34.27	62	26.47	188	32.321	226	22.66	218
31	2	53.081	193	19.95	322	29.630	189	45.29	290	34.89	54	28.35	215	32.547	195	24.84	231
Juni 10	1	53.274	123	23.17	332	29.819	146	48.19	299	35.43	43	30.50	236	32.742	160	27.15	238
20	0	53.397	51	26.49	333	29.965	98	51.18	301	35.86	32	32.86	251	32.902	121	29.53	237
30	0	53.448	23	29.82	325	30.063	48	54.19	293	36.18	19	35.37	259	33.023	80	31.90	229
Juli 9	23	53.425	95	33.07	308	30.111	2	57.12	280	36.37	7	37.96	260	33.103	35	34.19	216
19	23	53.330	165	36.15	285	30.109	52	59.92	258	36.44	5	40.56	254	33.138	8	36.35	199
29	22	53.165	231	39.00	254	30.057	101	62.50	231	36.39	18	43.10	240	33.130	51	38.34	176
Aug. 8	21	52.934	290	41.54	218	29.956	146	64.81	200	36.21	29	45.50	216	33.079	92	40.10	151
18	21	52.644	341	43.72	177	29.810	184	66.81	163	35.92	39	47.66	187	32.987	127	41.61	122
28	20	52.303	382	45.49	131	29.626	217	68.44	123	35.53	48	49.53	150	32.860	157	42.83	91
Sept. 7	19	51.921	411	46.80	83	29.409	241	69.67	82	35.05	55	51.03	106	32.703	180	43.74	58
17	19	51.510	429	47.63	32	29.168	255	70.49	37	34.50	58	52.09	59	32.523	194	44.32	25
27	18	51.081	432	47.95	21	28.913	259	70.86	10	33.92	60	52.68	9	32.329	198	44.57	10
Okt. 7	17	50.649	422	47.74	74	28.654	252	70.76	56	33.32	58	52.77	43	32.131	193	44.47	46
17	17	50.227	397	47.00	127	28.402	235	70.20	103	32.74	53	52.34	93	31.938	178	44.01	80
27	16	49.830	360	45.73	178	28.167	209	69.17	148	32.21	47	51.41	140	31.760	155	43.21	114
Nov. 6	15	49.470	310	43.95	226	27.958	172	67.69	192	31.74	37	50.01	181	31.605	123	42.07	148
16	15	49.160	248	41.69	270	27.786	129	65.77	231	31.37	26	48.20	216	31.482	85	40.59	179
26	14	48.912	178	38.99	307	27.657	81	63.46	266	31.11	13	46.04	242	31.397	43	38.80	205
Dez. 6	13	48.734	102	35.92	337	27.576	28	60.80	293	30.98	1	43.62	260	31.354	1	36.75	227
16	13	48.632	21	32.55	357	27.548	25	57.87	313	30.99	14	41.02	268	31.355	47	34.48	243
26	12	48.611	60	28.98	364	27.573	79	54.74	321	31.13	28	38.34	268	31.402	91	32.05	252
36	11	48.671		25.34		27.652		51.53		31.41		35.66		31.493		29.53	
Mittl. Ort		50.687		28.64		27.996		53.20		30.79		36.77		31.170		31.00	
sec δ, tg δ		1.928		+1.648		1.282		+0.802		3.150		−2.988		1.067		+0.373	

Welt-Zeit		704) λ Pavonis AR.		704) λ Pavonis Dekl.		705) β Lyrae AR.		705) β Lyrae Dekl.		707) ο Draconis AR.		707) ο Draconis Dekl.		706) σ Sagittarii AR.		706) σ Sagittarii Dekl.	
1927	h	$18^h\ 45^m$		$-62°\ 16'$		$18^h\ 47^m$		$+33°\ 16'$		$18^h\ 50^m$		$+59°\ 17'$		$18^h\ 50^m$		$-26°\ 23'$	
Jan. 1	12	22.62	24	25.38	227	20.721	98	36.68	303	4.611	57	55.66	361	41.594	149	22.08	21
11	11	22.86	32	23.11	217	20.819	143	33.65	298	4.668	136	52.05	357	41.743	189	21.87	20
21	11	23.18	40	20.94	201	20.962	185	30.67	280	4.804	211	48.48	339	41.932	223	21.67	19
31	10	23.58	46	18.93	183	21.147	221	27.87	254	5.015	280	45.09	309	42.155	253	21.48	20
Feb. 10	9	24.04	50	17.10	159	21.368	253	25.33	217	5.295	341	42.00	268	42.408	278	21.28	22
20	9	24.54	55	15.51	132	21.621	278	23.16	171	5.636	392	39.32	217	42.686	296	21.06	25
März 2	8	25.09	57	14.19	104	21.899	298	21.45	121	6.028	430	37.15	158	42.982	312	20.81	29
12	7	25.66	60	13.15	74	22.197	312	20.24	65	6.458	457	35.57	95	43.294	323	20.52	32
22	7	26.26	60	12.41	43	22.509	320	19.59	8	6.915	471	34.62	$\underline{28}$	43.617	330	20.20	36
Apr. 1	6	26.86	61	11.98	$\underline{11}$	22.829	321	19.51	$\overline{48}$	7.386	473	34.34	38	43.947	333	19.84	39
11	5	27.47	60	11.87	22	23.150	317	19.99	102	7.859	460	34.72	101	44.280	331	19.45	39
21	5	28.07	59	12.09	53	23.467	306	21.01	151	8.319	437	35.73	159	44.611	326	19.06	39
Mai 1	4	28.66	55	12.62	85	23.773	288	22.52	193	8.756	402	37.32	211	44.937	314	18.67	36
11	4	29.21	52	13.47	115	24.061	265	24.45	228	9.158	356	39.43	256	45.251	297	18.31	29
21	3	29.73	47	14.62	143	24.326	235	26.73	255	9.514	302	41.99	290	45.548	274	18.02	22
31	2	30.20	41	16.05	168	24.561	201	29.28	274	9.816	239	44.89	316	45.822	246	17.80	12
Juni 10	2	30.61	34	17.73	189	24.762	160	32.02	284	10.055	171	48.05	332	46.068	212	17.68	$\underline{1}$
20	1	30.95	26	19.62	206	24.922	117	34.86	286	10.226	98	51.37	338	46.280	172	17.67	10
30	0	31.21	19	21.68	217	25.039	70	37.72	281	10.324	$\underline{23}$	54.75	336	46.452	128	17.77	21
Juli 10	0	31.40	10	23.85	222	25.109	$\underline{22}$	40.53	268	10.347	52	58.11	325	46.580	82	17.98	31
19	23	31.50	0	26.07	220	25.131	26	43.21	249	10.295	126	61.36	306	46.662	$\underline{34}$	18.29	39
29	22	31.50	8	28.27	211	25.105	74	45.70	225	10.169	196	64.42	280	46.696	14	18.68	45
Aug. 8	22	31.42	16	30.38	195	25.031	117	47.95	195	9.973	261	67.22	248	46.682	60	19.13	49
18	21	31.26	23	32.33	173	24.914	155	49.90	162	9.712	318	69.70	210	46.622	100	19.62	50
28	20	31.03	30	34.06	142	24.759	189	51.52	125	9.394	366	71.80	168	46.522	136	20.12	48
Sept. 7	20	30.73	35	35.48	107	24.570	213	52.77	86	9.028	403	73.48	121	46.386	163	20.60	42
17	19	30.38	38	36.55	67	24.357	229	53.63	44	8.625	427	74.69	71	46.223	180	21.02	35
27	18	30.00	39	37.22	$\underline{23}$	24.128	235	54.07	$\underline{1}$	8.198	438	75.40	$\underline{20}$	46.043	186	21.37	26
Okt. 7	18	29.61	38	37.45	20	23.893	231	54.08	43	7.760	436	75.60	34	45.857	182	21.63	16
17	17	29.23	35	37.25	65	23.662	217	53.65	86	7.324	418	75.26	87	45.675	166	21.79	$\underline{6}$
27	16	28.88	31	36.60	107	23.445	193	52.79	129	6.906	389	74.39	141	45.509	140	21.85	3
Nov. 6	16	28.57	25	35.53	143	23.252	160	51.50	171	6.517	344	72.98	192	45.369	105	21.82	12
16	15	28.32	16	34.10	176	23.092	121	49.79	209	6.173	289	71.06	240	45.264	63	21.70	17
26	14	28.16	8	32.34	201	22.971	76	47.70	243	5.884	224	68.66	281	45.201	$\underline{18}$	21.53	21
Dez. 6	14	28.08	$\overline{1}$	30.33	217	22.895	$\underline{28}$	45.27	270	5.660	152	65.85	316	45.183	31	21.32	23
16	13	28.09	10	28.16	228	22.867	21	42.57	290	5.508	$\underline{73}$	62.69	342	45.214	80	21.09	23
26	12	28.19	20	25.88	229	22.888	70	39.67	300	5.435	7	59.27	357	45.294	126	20.86	23
36	12	28.39		23.59		22.958		36.67		5.442		55.70		45.420		20.63	
Mittl. Ort		27.43		24.27		23.071		37.21		7.528		55.31		44.358		20.32	
sec δ, tg δ		2.149		−1.903		1.196		+0.656		1.959		+1.684		1.116		−0.496	

Welt-Zeit		709) ϑ Serpentis pr. AR.		709) Dekl.		708) λ Telescopii AR.		708) Dekl.		711) *R* Lyrae AR.		711) Dekl.		713) γ Lyrae AR.		713) Dekl.	
1927	h	$18^h\ 52^m$ s		$+4°\ 6'$ ″		$18^h\ 52^m$ s		$-53°\ 1'$ ″		$18^h\ 53^m$ s		$+43°\ 50'$ ″		$18^h\ 56^m$ s		$+32°\ 35'$ ″	
Jan. 1	12	33.074	118	24.88	165	33.652	194	70.57	182	4.381	79	56.53	334	10.400	88	17.93	298
11	11	33.192	154	23.23	161	33.846	256	68.75	176	4.460	133	53.19	329	10.488	134	14.95	294
21	11	33.346	186	21.62	152	34.102	310	66.99	165	4.593	183	49.90	312	10.622	175	12.01	279
31	10	33.532	214	20.10	135	34.412	357	65.34	152	4.776	229	46.78	284	10.797	211	9.22	253
Feb. 10	10	33.746	237	18.75	113	34.769	395	63.82	135	5.005	268	43.94	245	11.008	244	6.69	218
20	9	33.983	256	17.62	86	35.164	426	62.47	116	5.273	301	41.49	197	11.252	271	4.51	174
März 2	8	34.239	271	16.76	54	35.590	450	61.31	97	5.574	326	39.52	142	11.523	291	2.77	124
12	8	34.510	281	16.22	20	36.040	467	60.34	74	5.900	345	38.10	83	11.814	307	1.53	70
22	7	34.791	289	16.02	14	36.507	478	59.60	51	6.245	356	37.27	20	12.121	317	0.83	13
Apr. 1	6	35.080	292	16.16	47	36.985	481	59.09	27	6.601	358	37.07	41	12.438	320	0.70	43
11	6	35.372	291	16.63	80	37.466	478	58.82	3	6.959	353	37.48	100	12.758	318	1.13	96
21	5	35.663	285	17.43	107	37.944	467	58.79	23	7.312	340	38.48	155	13.076	308	2.09	145
Mai 1	4	35.948	274	18.50	129	38.411	448	59.02	48	7.652	318	40.03	202	13.384	292	3.54	187
11	4	36.222	258	19.79	148	38.859	422	59.50	73	7.970	291	42.05	243	13.676	271	5.41	224
21	3	36.480	237	21.27	159	39.281	387	60.23	98	8.261	254	44.48	275	13.947	242	7.65	252
31	2	36.717	210	22.86	166	39.668	343	61.21	121	8.515	213	47.23	297	14.189	209	10.17	270
Juni 10	2	36.927	178	24.52	166	40.011	292	62.42	141	8.728	167	50.20	311	14.398	170	12.87	283
20	1	37.105	143	26.18	163	40.303	234	63.83	157	8.895	116	53.31	316	14.568	126	15.70	286
30	0	37.248	103	27.81	155	40.537	170	65.40	170	9.011	62	56.47	313	14.694	80	18.56	281
Juli 10	0	37.351	62	29.36	142	40.707	103	67.10	177	9.073	7	59.60	300	14.774	33	21.37	269
19	23	37.413	19	30.78	128	40.810	32	68.87	179	9.080	48	62.60	283	14.807	16	24.06	252
29	22	37.432	23	32.06	111	40.842	37	70.66	175	9.032	100	65.43	258	14.791	63	26.58	228
Aug. 8	22	37.409	63	33.17	92	40.805	103	72.41	166	8.932	150	68.01	227	14.728	107	28.86	200
18	21	37.346	100	34.09	71	40.702	163	74.07	149	8.782	194	70.28	191	14.621	148	30.86	168
28	20	37.246	130	34.80	51	40.539	214	75.56	127	8.588	231	72.19	151	14.473	181	32.54	131
Sept. 7	20	37.116	154	35.31	30	40.325	254	76.83	99	8.357	260	73.70	108	14.292	206	33.85	93
17	19	36.962	169	35.61	9	40.071	281	77.82	67	8.097	278	74.78	62	14.086	224	34.78	52
27	18	36.793	174	35.70	12	39.790	291	78.49	32	7.819	286	75.40	14	13.862	232	35.30	10
Okt. 7	18	36.619	170	35.58	34	39.499	287	78.81	4	7.533	284	75.54	34	13.630	229	35.40	34
17	17	36.449	158	35.24	54	39.212	266	78.77	41	7.249	270	75.20	84	13.401	216	35.06	78
27	16	36.291	135	34.70	75	38.946	230	78.36	76	6.979	246	74.36	133	13.185	194	34.28	120
Nov. 6	16	36.156	105	33.95	95	38.716	181	77.60	108	6.733	212	73.03	180	12.991	163	33.08	162
16	15	36.051	69	33.00	114	38.535	122	76.52	134	6.521	168	71.23	223	12.828	126	31.46	200
26	14	35.982	29	31.86	132	38.413	54	75.18	156	6.353	120	69.00	261	12.702	82	29.46	233
Dez. 6	14	35.953	13	30.54	146	38.359	17	73.62	171	6.233	67	66.39	293	12.620	36	27.13	262
16	13	35.966	56	29.08	156	38.376	88	71.91	181	6.166	11	63.46	317	12.584	13	24.51	283
26	12	36.022	97	27.52	163	38.464	159	70.10	183	6.155	46	60.29	330	12.597	62	21.68	295
36	12	36.119		25.89		38.623		68.27		6.201		56.99		12.659		18.73	
Mittl. Ort		35.425		26.21		37.536		68.61		6.849		56.58		12.741		18.33	
sec δ, tg δ		1.003		+0.072		1.663		−1.329		1.387		+0.961		1.187		+0.639	

Welt-Zeit		716) ζ Aquilae				717) λ Aquilae				718) α Coron. austr.				720) π Sagittarii			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927	h	19h 2m		+13° 45′		19h 2m		−4° 59′		19h 4m		−38° 1′		19h 5m		21° 8′	
		s		″		s		″		s		″		s		″	
Jan. 1	12	0.967	100	12.23	214	20.085	116	37.78	109	27.332	149	14.45	98	22.749	128	30.58	7
11	12	1.067	138	10.09	210	20.201	152	38.87	106	27.481	194	13.47	97	22.877	166	30.65	6
21	11	1.205	172	7.99	199	20.353	184	39.93	99	27.675	235	12.50	94	23.043	200	30.71	3
31	10	1.377	202	6.00	180	20.537	212	40.92	87	27.910	271	11.56	90	23.243	230	30.74	—1
Feb. 10	10	1.579	228	4.20	153	20.749	236	41.79	71	28.181	300	10.66	85	23.473	255	30.73	7
20	9	1.807	249	2.67	119	20.985	255	42.50	50	28.481	325	9.81	79	23.728	275	30.66	15
März 2	8	2.056	267	1.48	81	21.240	271	43.00	27	28.806	345	9.02	73	24.003	291	30.51	25
12	8	2.323	280	0.67	40	21.511	283	43.27	1	29.151	359	8.29	66	24.294	305	30.26	34
22	7	2.603	289	0.27	—4	21.794	291	43.28	—24	29.510	369	7.63	57	24.599	314	29.92	43
Apr. 1	6	2.892	294	0.31	46	22.085	296	43.04	50	29.879	376	7.06	49	24.913	320	29.49	52
11	6	3.186	294	0.77	85	22.381	296	42.54	72	30.255	376	6.57	37	25.233	320	28.97	58
21	5	3.480	288	1.62	122	22.677	293	41.82	91	30.631	371	6.20	24	25.553	317	28.39	61
Mai 1	4	3.768	278	2.84	152	22.970	284	40.91	107	31.002	361	5.96	11	25.870	309	27.78	63
11	4	4.046	262	4.36	178	23.254	270	39.84	118	31.363	343	5.85	—5	26.179	295	27.15	60
21	3	4.308	240	6.14	196	23.524	250	38.66	124	31.706	319	5.90	21	26.474	274	26.55	55
31	2	4.548	213	8.10	208	23.774	225	37.42	126	32.025	288	6.11	39	26.748	248	26.00	48
Juni 10	2	4.761	181	10.18	213	23.999	194	36.16	124	32.313	250	6.50	55	26.996	216	25.52	38
20	1	4.942	144	12.31	212	24.193	159	34.92	117	32.563	207	7.05	70	27.212	179	25.14	27
30	1	5.086	104	14.43	206	24.352	119	33.75	107	32.770	157	7.75	85	27.391	138	24.87	15
Juli 10	0	5.190	61	16.49	194	24.471	78	32.68	96	32.927	105	8.60	95	27.529	92	24.72	3
19	23	5.251	18	18.43	178	24.549	35	31.72	82	33.032	51	9.55	103	27.621	46	24.69	—8
29	23	5.269	—26	20.21	158	24.584	—9	30.90	68	33.083	—4	10.58	107	27.667	0	24.77	18
Aug. 8	22	5.243	66	21.79	136	24.575	50	30.22	52	33.079	57	11.65	106	27.667	45	24.95	25
18	21	5.177	104	23.15	111	24.525	88	29.70	37	33.022	105	12.71	101	27.622	87	25.20	32
28	21	5.073	135	24.26	84	24.437	121	29.33	23	32.917	146	13.72	92	27.535	121	25.52	34
Sept. 7	20	4.938	160	25.10	57	24.316	145	29.10	9	32.771	180	14.64	77	27.414	150	25.86	34
17	19	4.778	177	25.67	27	24.171	162	29.01	—5	32.591	202	15.41	60	27.264	169	26.20	33
27	19	4.601	184	25.94	—2	24.009	170	29.06	18	32.389	213	16.01	39	27.095	177	26.53	30
Okt. 7	18	4.417	182	25.92	31	23.839	167	29.24	29	32.176	210	16.40	17	26.918	175	26.83	25
17	17	4.235	170	25.61	61	23.672	155	29.53	41	31.966	196	16.57	—5	26.743	163	27.08	21
27	17	4.065	150	25.00	90	23.517	134	29.94	53	31.770	170	16.52	27	26.580	140	27.29	15
Nov. 6	16	3.915	122	24.10	118	23.383	105	30.47	65	31.600	134	16.25	47	26.440	110	27.44	12
16	15	3.793	87	22.92	145	23.278	69	31.12	76	31.466	89	15.78	64	26.330	71	27.56	9
26	15	3.706	48	21.47	168	23.209	30	31.88	87	31.377	39	15.14	78	26.259	29	27.65	7
Dez. 6	14	3.658	6	19.79	188	23.179	—12	32.75	96	31.338	—16	14.36	89	26.230	—16	27.72	6
16	13	3.652	—37	17.91	203	23.191	54	33.71	103	31.354	69	13.47	95	26.246	62	27.78	7
26	13	3.689	78	15.88	212	23.245	95	34.74	107	31.423	121	12.52	98	26.308	106	27.85	6
36	12	3.767		13.76		23.340		35.81		31.544		11.54		26.414		27.91	
Mittl. Ort		3.270		13.37		22.504		35.88		30.424		11.47		25.394		27.96	
sec δ, tg δ		1.030		+0.245		1.004		—0.087		1.269		—0.782		1.072		—0.387	

Welt-Zeit	h	723) δ Draconis AR.	Diff.	723) δ Draconis Dekl.	Diff.	724) ϑ Lyrae AR.	Diff.	724) ϑ Lyrae Dekl.	Diff.
1927		19h 12m		+67° 31′		19h 13m		+37° 59′	
Jan. 1	13	29.13	2	60.81	357	47.647	61	70.24	311
11	12	29.11	8	57.24	360	47.708	109	67.13	310
21	11	29.19	19	53.64	349	47.817	155	64.03	297
31	11	29.38	29	50.15	325	47.972	197	61.06	274
Feb. 10	10	29.67	38	46.90	289	48.169	235	58.32	240
20	9	30.05	45	44.01	243	48.404	267	55.92	196
März 2	9	30.50	52	41.58	187	48.671	293	53.96	146
12	8	31.02	57	39.71	126	48.964	314	52.50	90
22	7	31.59	59	38.45	61	49.278	328	51.60	32
Apr. 1	7	32.18	61	37.84	6	49.606	335	51.28	27
11	6	32.79	60	37.90	72	49.941	335	51.55	84
21	5	33.39	58	38.62	132	50.276	329	52.39	137
Mai 1	5	33.97	53	39.94	188	50.605	314	53.76	185
11	4	34.50	47	41.82	236	50.919	293	55.61	225
21	3	34.97	41	44.18	277	51.212	264	57.86	257
31	3	35.38	33	46.95	307	51.476	229	60.43	281
Juni 10	2	35.71	23	50.02	329	51.705	189	63.24	297
20	1	35.94	14	53.31	342	51.894	143	66.21	304
30	1	36.08	4	56.73	345	52.037	94	69.25	302
Juli 10	0	36.12	6	60.18	340	52.131	43	72.27	294
19	23	36.06	15	63.58	326	52.174	8	75.21	278
29	23	35.91	25	66.84	305	52.166	60	77.99	257
Aug. 8	22	35.66	34	69.89	276	52.106	107	80.56	229
18	21	35.32	42	72.65	242	51.999	151	82.85	196
28	21	34.90	48	75.07	203	51.848	188	84.81	160
Sept. 7	20	34.42	54	77.10	159	51.660	218	86.41	120
17	19	33.88	58	78.69	111	51.442	239	87.61	77
27	19	33.30	60	79.80	59	51.203	251	88.38	33
Okt. 7	18	32.70	61	80.39	6	50.952	252	88.71	13
17	17	32.09	60	80.45	49	50.700	242	88.58	60
27	17	31.49	56	79.96	105	50.458	222	87.98	106
Nov. 6	16	30.93	52	78.91	158	50.236	194	86.92	152
16	16	30.41	47	77.33	210	50.042	158	85.40	194
26	15	29.94	38	75.23	256	49.884	116	83.46	232
Dez. 6	14	29.56	29	72.67	296	49.768	69	81.14	264
16	14	29.27	20	69.71	329	49.699	18	78.50	290
26	13	29.07	10	66.42	349	49.681	32	75.60	305
36	12	28.97		62.93		49.713		72.55	
Mittl. Ort		32.58		59.05		50.019		69.99	
sec δ, tg δ		2.617		+2.418		1.269		+0.781	

Welt-Zeit	h	725) ω Aquilae AR.	Diff.	725) ω Aquilae Dekl.	Diff.	726) ϰ Cygni AR.	Diff.	726) ϰ Cygni Dekl.	Diff.
1927		19h 14m		+11° 27′		19h 15m		+53° 13′	
Jan. 1	13	21.089	90	43.90	198	22.334	28	60.38	345
11	12	21.179	127	41.92	195	22.362	94	56.93	347
21	11	21.306	161	39.97	185	22.456	159	53.46	335
31	11	21.467	192	38.12	168	22.615	218	50.11	311
Feb. 10	10	21.659	218	36.44	142	22.833	272	47.00	275
20	9	21.877	241	35.02	112	23.105	319	44.25	229
März 2	9	22.118	259	33.90	75	23.424	357	41.96	175
12	8	22.377	275	33.15	36	23.781	386	40.21	114
22	7	22.652	286	32.79	5	24.167	406	39.07	50
Apr. 1	7	22.938	292	32.84	45	24.573	414	38.57	14
11	6	23.230	294	33.29	83	24.987	413	38.71	77
21	5	23.524	291	34.12	118	25.400	401	39.48	136
Mai 1	5	23.815	283	35.30	147	25.801	378	40.84	190
11	4	24.098	270	36.77	171	26.179	347	42.74	236
21	3	24.368	248	38.48	190	26.526	306	45.10	274
31	3	24.616	223	40.38	200	26.832	258	47.84	303
Juni 10	2	24.839	192	42.38	206	27.090	203	50.87	324
20	1	25.031	157	44.44	205	27.293	142	54.11	334
30	1	25.188	117	46.49	199	27.435	79	57.45	336
Juli 10	0	25.305	75	48.48	187	27.514	13	60.81	329
19	23	25.380	32	50.35	172	27.527	53	64.10	315
29	23	25.412	13	52.07	153	27.474	116	67.25	293
Aug. 8	22	25.399	54	53.60	132	27.358	176	70.18	265
18	21	25.345	92	54.92	108	27.182	230	72.83	230
28	21	25.253	125	56.00	82	26.952	276	75.13	192
Sept. 7	20	25.128	151	56.82	57	26.676	314	77.05	148
17	19	24.977	170	57.39	30	26.362	341	78.53	101
27	19	24.807	179	57.69	2	26.021	356	79.54	51
Okt. 7	18	24.628	178	57.71	25	25.665	359	80.05	1
17	17	24.450	169	57.46	53	25.306	350	80.04	53
27	17	24.281	150	56.93	80	24.956	328	79.51	107
Nov. 6	16	24.131	124	56.13	106	24.628	295	78.44	158
16	16	24.007	91	55.07	131	24.333	253	76.86	207
26	15	23.916	54	53.76	153	24.080	201	74.79	251
Dez. 6	14	23.862	14	52.23	172	23.879	142	72.28	289
16	14	23.848	28	50.51	186	23.737	78	69.39	318
26	13	23.876	69	48.65	195	23.659	12	66.21	338
36	12	23.945		46.70		23.647		62.83	
Mittl. Ort		23.389		45.29		24.992		59.20	
sec δ, tg δ		1.020		+0.203		1.671		+1.338	

Welt-Zeit		729) τ Draconis				728) α Sagittarii				730) δ Aquilae				732) β Cygni			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927		$19^h\ 16^m$		$+73°\ 12'$		$19^h\ 18^m$		$-40°\ 45'$		$19^h\ 21^m$		$+2°\ 57'$		$19^h\ 27^m$		$+27°\ 48'$	
Jan. 1	13^h	$53^s.85$	9	$75''.85$	354	$46^s.672$	134	$21''.50$	118	$46^s.733$	91	$62''.65$	149	$44^s.328$	59	$18''.88$	270
11	12	53.76	6	72.31	358	46.806	182	20.32	120	46.824	127	61.16	146	44.387	101	16.18	269
21	11	53.82	20	68.73	350	46.988	226	19.12	118	46.951	161	59.70	138	44.488	141	13.49	260
31	11	54.02	33	65.23	327	47.214	264	17.94	115	47.112	189	58.32	123	44.629	178	10.89	239
Feb. 10	10	54.35	46	61.96	294	47.478	296	16.79	109	47.301	215	57.09	102	44.807	210	8.50	210
20	9	54.81	57	59.02	249	47.774	325	15.70	103	47.516	238	56.07	77	45.017	239	6.40	172
März 2	9	55.38	66	56.53	195	48.099	347	14.67	96	47.754	257	55.30	48	45.256	264	4.68	128
12	8	56.04	72	54.58	134	48.446	365	13.71	86	48.011	271	54.82	15	45.520	284	3.40	78
22	7	56.76	76	53.24	70	48.811	379	12.85	76	48.282	283	54.67	18	45.804	299	2.62	25
Apr. 1	7	57.52	78	52.54	4	49.190	387	12.09	64	48.565	292	54.85	50	46.103	308	2.37	27
11	6	58.30	77	52.50	62	49.577	391	11.45	50	48.857	295	55.35	81	46.411	312	2.64	78
21	5	59.07	73	53.12	122	49.968	388	10.95	35	49.152	293	56.16	108	46.723	309	3.42	126
Mai 1	5	59.80	68	54.34	179	50.356	380	10.60	18	49.445	287	57.24	131	47.032	301	4.68	168
11	4	60.48	60	56.13	228	50.736	364	10.42	1	49.732	275	58.55	149	47.333	285	6.36	204
21	3	61.08	51	58.41	270	51.100	341	10.43	21	50.007	257	60.04	161	47.618	263	8.40	233
31	3	61.59	40	61.11	301	51.441	310	10.64	40	50.264	233	61.65	168	47.881	235	10.73	254
Juni 10	2	61.99	29	64.12	325	51.751	273	11.04	60	50.497	204	63.33	169	48.116	200	13.27	268
20	1	62.28	16	67.37	339	52.024	228	11.64	78	50.701	170	65.02	165	48.316	161	15.95	274
30	1	62.44	2	70.76	344	52.252	179	12.42	95	50.871	131	66.67	158	48.477	118	18.69	272
Juli 10	0	62.46	10	74.20	340	52.431	124	13.37	108	51.002	90	68.25	146	48.595	72	21.41	264
19	23	62.36	23	77.60	328	52.555	68	14.45	117	51.092	46	69.71	131	48.667	25	24.05	249
29	23	62.13	35	80.88	309	52.623	11	15.62	122	51.138	3	71.02	114	48.692	23	26.54	230
Aug. 8	22	61.78	47	83.97	282	52.634	45	16.84	123	51.141	39	72.16	95	48.669	67	28.84	204
18	21	61.31	57	86.79	250	52.589	97	18.07	118	51.102	78	73.11	76	48.602	110	30.88	176
28	21	60.74	66	89.29	211	52.492	142	19.25	108	51.024	112	73.87	56	48.492	145	32.64	144
Sept. 7	20	60.08	73	91.40	168	52.350	179	20.33	94	50.912	140	74.43	34	48.347	175	34.08	109
17	19	59.35	78	93.08	121	52.171	205	21.27	75	50.772	158	74.77	15	48.172	197	35.17	72
27	19	58.57	82	94.29	71	51.966	220	22.02	52	50.614	169	74.92	6	47.975	209	35.89	34
Okt. 7	18	57.75	83	95.00	17	51.746	221	22.54	28	50.445	169	74.86	25	47.766	211	36.23	7
17	17	56.92	82	95.17	38	51.525	209	22.82	2	50.276	161	74.61	45	47.555	204	36.16	47
27	17	56.10	78	94.79	92	51.316	185	22.84	24	50.115	144	74.16	64	47.351	188	35.69	87
Nov. 6	16	55.32	73	93.87	147	51.131	151	22.60	47	49.971	117	73.52	83	47.163	164	34.82	127
16	16	54.59	66	92.40	199	50.980	107	22.13	69	49.854	85	72.69	100	46.999	132	33.55	164
26	15	53.93	56	90.41	247	50.873	57	21.44	87	49.769	50	71.69	117	46.867	94	31.91	197
Dez. 6	14	53.37	44	87.94	289	50.816	3	20.57	101	49.719	10	70.52	130	46.773	53	29.94	226
16	14	52.93	32	85.05	321	50.813	52	19.56	112	49.709	31	69.22	140	46.720	10	27.68	249
26	13	52.61	19	81.84	344	50.865	106	18.44	117	49.740	70	67.82	147	46.710	35	25.19	263
36	12	52.42		78.40		50.971		17.27		49.810		66.35		46.745		22.56	
Mittl. Ort		58.02		73.61		49.850		17.24		49.068		64.74		46.614		19.10	
sec δ, tg δ		3.464		+3.316		1.320		−0.862		1.001		+0.052		1.131		+0.527	

Welt-Zeit		733) ι Cygni AR.		733) ι Cygni Dekl.		736) h Sagittarii AR.		736) h Sagittarii Dekl.		738) ϑ Cygni AR.		738) ϑ Cygni Dekl.		742) δ Cygni AR.		742) δ Cygni Dekl.	
1927		$19^h 27^m$		+51° 34′		$19^h 32^m$		−25° 2′		$19^h 34^m$		+50° 2′		$19^h 42^m$		+44° 56′	
Jan. 1	13^h	$49^s.369$	13	26″.29	338	$13^s.306$	103	50″.56	25	$26^s.476$	8	66″.17	333	$39^s.198$	10	67″.77	318
11	12	49.382	77	22.91	341	13.409	143	50.31	29	26.484	69	62.84	337	39.208	65	64.59	323
21	11	49.459	138	19.50	333	13.552	179	50.02	33	26.553	128	59.47	329	39.273	118	61.36	317
31	11	49.597	196	16.17	311	13.731	211	49.69	37	26.681	184	56.18	309	39.391	167	58.19	299
Feb. 10	10	49.793	249	13.06	278	13.942	239	49.32	43	26.865	235	53.09	277	39.558	214	55.20	269
20	9	50.042	296	10.28	235	14.181	264	48.89	49	27.100	282	50.32	236	39.772	256	52.51	229
März 2	9	50.338	335	7.93	182	14.445	284	48.40	56	27.382	321	47.96	185	40.028	292	50.22	180
12	8	50.673	367	6.11	124	14.729	301	47.84	63	27.703	352	46.11	126	40.320	322	48.42	125
22	7	51.040	388	4.87	61	15.030	316	47.21	69	28.055	375	44.85	65	40.642	345	47.17	65
Apr. 1	7	51.428	400	4.26	—3	15.346	326	46.52	73	28.430	389	44.20	2	40.987	359	46.52	4
11	6	51.828	403	4.29	65	15.672	331	45.79	75	28.819	393	44.18	—60	41.346	365	46.48	—57
21	6	52.231	395	4.94	125	16.003	332	45.04	75	29.212	388	44.78	120	41.711	364	47.05	114
Mai 1	5	52.626	377	6.19	180	16.335	327	44.29	71	29.600	372	45.98	174	42.075	352	48.19	167
11	4	53.003	349	7.99	226	16.662	317	43.58	66	29.972	347	47.72	222	42.427	333	49.86	214
21	4	53.352	313	10.25	266	16.979	300	42.92	56	30.319	314	49.94	262	42.760	304	52.00	253
31	3	53.665	269	12.91	297	17.279	276	42.36	45	30.633	272	52.56	293	43.064	269	54.53	284
Juni 10	2	53.934	217	15.88	319	17.555	246	41.91	32	30.905	223	55.49	316	43.333	226	57.37	306
20	2	54.151	160	19.07	332	17.801	210	41.59	17	31.128	169	58.65	329	43.559	177	60.43	320
30	1	54.311	100	22.39	336	18.011	168	41.42	2	31.297	110	61.94	335	43.736	125	63.63	325
Juli 10	0	54.411	36	25.75	331	18.179	122	41.40	—13	31.407	49	65.29	331	43.861	69	66.88	322
20	0	54.447	—28	29.06	319	18.301	75	41.53	26	31.456	—13	68.60	319	43.930	11	70.10	311
29	23	54.419	91	32.25	299	18.376	26	41.79	38	31.443	75	71.79	300	43.941	—46	73.21	293
Aug. 8	22	54.328	149	35.24	272	18.402	—22	42.17	47	31.368	133	74.79	275	43.895	100	76.14	269
18	22	54.179	203	37.96	240	18.380	67	42.64	53	31.235	186	77.54	244	43.795	150	78.83	239
28	21	53.976	251	40.36	203	18.313	106	43.17	55	31.049	233	79.98	207	43.645	194	81.22	203
Sept. 7	20	53.725	290	42.39	166	18.207	139	43.72	55	30.816	272	82.05	167	43.451	232	83.25	165
17	20	53.435	317	43.99	115	18.068	163	44.27	51	30.544	301	83.72	121	43.219	260	84.90	121
27	19	53.118	335	45.14	66	17.905	177	44.78	45	30.243	319	84.93	73	42.959	278	86.11	75
Okt. 7	18	52.783	341	45.80	15	17.728	180	45.23	37	29.924	326	85.66	22	42.681	285	86.86	27
17	18	52.442	335	45.95	—37	17.548	172	45.60	27	29.598	321	85.88	—29	42.396	282	87.13	—23
27	17	52.107	317	45.58	90	17.376	153	45.87	17	29.277	305	85.59	81	42.114	268	86.90	73
Nov. 6	16	51.790	287	44.68	142	17.223	127	46.04	7	28.972	278	84.78	133	41.846	244	86.17	123
16	16	51.503	249	43.26	192	17.096	92	46.11	—2	28.694	241	83.45	183	41.602	212	84.94	171
26	15	51.254	201	41.34	236	17.004	51	46.09	9	28.453	196	81.62	228	41.390	171	83.23	215
Dez. 6	14	51.053	147	38.98	276	16.953	8	46.00	15	28.257	145	79.34	267	41.219	125	81.08	254
16	14	50.906	87	36.22	307	16.945	—36	45.85	20	28.112	88	76.67	300	41.094	75	78.54	285
26	13	50.819	24	33.15	329	16.981	80	45.65	24	28.024	28	73.67	322	41.019	21	75.69	308
36	12	50.795		29.86		17.061		45.41		27.996		70.45		40.998		72.61	
Mittl. Ort		51.960		24.72		15.996		46.04		29.017		64.45		41.621		66.20	
sec δ, tg δ		1.609		+1.260		1.104		—0.467		1.557		+1.194		1.413		+0.998	

Welt-Zeit		741) γ Aquilae AR.		741) γ Aquilae Dekl.		743) δ Sagittae AR.		743) δ Sagittae Dekl.	
1927	h	$19^h\ 42^m$ s		+10° 25′ ″		$19^h\ 44^m$ s		+18° 20′ ″	
Jan. 1	13	45.075	63	61.49	183	5.705	54	70.23	222
11	12	45.138	100	59.66	182	5.759	92	68.01	222
21	12	45.238	135	57.84	174	5.851	128	65.79	214
31	11	45.373	166	56.10	158	5.979	162	63.65	197
Feb. 10	10	45.539	194	54.52	136	6.141	192	61.68	173
20	10	45.733	220	53.16	107	6.333	220	59.95	140
März 2	9	45.953	242	52.09	73	6.553	244	58.55	102
12	8	46.195	261	51.36	36	6.797	264	57.53	59
22	8	46.456	277	51.00	— 3	7.061	281	56.94	14
Apr. 1	7	46.733	288	51.03	43	7.342	292	56.80	— 31
11	6	47.021	295	51.46	80	7.634	300	57.11	76
21	6	47.316	297	52.26	114	7.934	301	57.87	117
Mai 1	5	47.613	292	53.40	144	8.235	297	59.04	153
11	5	47.905	283	54.84	169	8.532	286	60.57	184
21	4	48.188	267	56.53	188	8.818	268	62.41	208
31	3	48.455	244	58.41	199	9.086	244	64.49	226
Juni 10	3	48.699	216	60.40	206	9.330	215	66.75	236
20	2	48.915	182	62.46	206	9.545	180	69.11	240
30	1	49.097	144	64.52	201	9.725	140	71.51	238
Juli 10	1	49.241	102	66.53	191	9.865	97	73.89	229
20	0	49.343	59	68.44	176	9.962	53	76.18	215
29	23	49.402	15	70.20	159	10.015	7	78.33	197
Aug. 8	23	49.417	— 29	71.79	138	10.022	— 37	80.30	175
18	22	49.388	69	73.17	115	9.985	78	82.05	150
28	21	49.319	105	74.32	91	9.907	115	83.55	122
Sept. 7	21	49.214	135	75.23	66	9.792	145	84.77	93
17	20	49.079	157	75.89	39	9.647	168	85.70	61
27	19	48.922	170	76.28	14	9.479	181	86.31	29
Okt. 7	19	48.752	174	76.42	— 13	9.298	186	86.60	— 3
17	18	48.578	170	76.29	40	9.112	182	86.57	37
27	17	48.408	155	75.89	65	8.930	168	86.20	70
Nov. 6	17	48.253	134	75.24	91	8.762	147	85.50	102
16	16	48.119	105	74.33	114	8.615	118	84.48	132
26	15	48.014	72	73.19	136	8.497	84	83.16	160
Dez. 6	15	47.942	35	71.83	155	8.413	48	81.56	184
16	14	47.907	— 4	70.28	170	8.365	8	79.72	204
26	13	47.911	43	68.58	179	8.357	— 32	77.68	216
36	13	47.954		66.79		8.389		75.52	
Mittl. Ort		47.342		63.34		7.953		71.26	
sec δ, tg δ		1.017		+0.184		1.054		+0.332	

Welt-Zeit		745) α Aquilae*) AR.		745) α Aquilae*) Dekl.		747) ε Draconis AR.		747) ε Draconis Dekl.	
1927	h	$19^h\ 47^m$ s		+8° 40′ ″		$19^h\ 48^m$ s		+70° 4′ ″	
Jan. 1	13	11.016	65	25.58	171	22.14	15	58.84	341
11	12	11.081	100	23.87	169	21.99	2	55.43	353
21	12	11.181	135	22.18	161	21.97	— 10	51.90	352
31	11	11.316	166	20.57	146	22.07	21	48.38	338
Feb. 10	10	11.482	194	19.11	124	22.28	32	45.00	312
20	10	11.676	220	17.87	97	22.60	43	41.88	273
März 2	9	11.896	242	16.90	64	23.03	51	39.15	225
12	8	12.138	261	16.26	27	23.54	58	36.90	168
22	8	12.399	276	15.99	— 10	24.12	63	35.22	105
Apr. 1	7	12.675	288	16.09	47	24.75	66	34.17	41
11	6	12.963	295	16.56	84	25.41	67	33.76	— 25
21	6	13.258	298	17.40	116	26.08	66	34.01	88
Mai 1	5	13.556	294	18.56	145	26.74	63	34.89	147
11	5	13.850	284	20.01	167	27.37	58	36.36	201
21	4	14.134	269	21.68	185	27.95	51	38.37	248
31	3	14.403	247	23.53	196	28.46	43	40.85	285
Juni 10	3	14.650	219	25.49	201	28.89	34	43.70	316
20	2	14.869	186	27.50	200	29.23	23	46.86	336
30	1	15.055	147	29.50	195	29.46	13	50.22	347
Juli 10	1	15.202	107	31.45	183	29.59	2	53.69	351
20	0	15.309	63	33.28	169	29.61	— 9	57.20	345
29	23	15.372	18	34.97	152	29.52	20	60.65	332
Aug. 8	23	15.390	— 25	36.49	130	29.32	31	63.97	310
18	22	15.365	65	37.79	108	29.01	40	67.07	283
28	21	15.300	101	38.87	85	28.61	49	69.90	249
Sept. 7	21	15.199	131	39.72	60	28.12	55	72.39	209
17	20	15.068	152	40.32	36	27.57	61	74.48	165
27	19	14.916	167	40.68	11	26.96	65	76.13	117
Okt. 7	19	14.749	171	40.79	— 14	26.31	68	77.30	64
17	18	14.578	166	40.65	39	25.63	68	77.94	10
27	17	14.412	152	40.26	63	24.95	66	78.04	— 47
Nov. 6	17	14.260	131	39.63	87	24.29	63	77.57	103
16	16	14.129	103	38.76	108	23.66	58	76.54	158
26	15	14.026	69	37.68	128	23.08	51	74.96	210
Dez. 6	15	13.957	33	36.40	146	22.57	42	72.86	257
16	14	13.924	— 6	34.94	158	22.15	32	70.29	295
26	13	13.930	44	33.36	167	21.83	22	67.34	326
36	13	13.974		31.69		21.61		64.08	
Mittl. Ort		13.287		27.80		25.74		55.11	
sec δ, tg δ		1.012		+0.152		2.935		+2.760	

*) Die jährliche Parallaxe (0.″23) ist bereits berücksichtigt

Welt-Zeit	h	749) β Aquilae AR.	Δ	Dekl.	Δ	748) ε Pavonis AR.	Δ	Dekl.	Δ
1927		$19^h\ 51^m$		$+6°\ 13'$		$19^h\ 52^m$		$-73°\ 6'$	
Jan. 1	13	41.371	58	21.43	158	3.70	11	28.11	290
11	12	41.429	95	19.85	157	3.81	25	25.21	295
21	12	41.524	129	18.28	150	4.06	37	22.26	293
31	11	41.653	159	16.78	136	4.43	49	19.33	283
Feb. 10	11	41.812	188	15.42	115	4.92	60	16.50	266
20	10	42.000	214	14.27	89	5.52	69	13.84	243
März 2	9	42.214	237	13.38	58	6.21	77	11.41	215
12	9	42.451	256	12.80	24	6.98	83	9.26	184
22	8	42.707	272	12.56	11	7.81	88	7.42	147
Apr. 1	7	42.979	286	12.67	46	8.69	91	5.95	110
11	7	43.265	294	13.13	80	9.60	93	4.85	69
21	6	43.559	297	13.93	111	10.53	93	4.16	27
Mai 1	5	43.856	295	15.04	138	11.46	92	3.89	15
11	5	44.151	287	16.42	159	12.38	88	4.04	58
21	4	44.438	272	18.01	175	13.26	82	4.62	100
31	3	44.710	252	19.76	184	14.08	76	5.62	139
Juni 10	3	44.962	225	21.60	189	14.84	67	7.01	175
20	2	45.187	192	23.49	188	15.51	56	8.76	206
30	1	45.379	155	25.37	181	16.07	44	10.82	232
Juli 10	1	45.534	114	27.18	171	16.51	31	13.14	251
20	0	45.648	71	28.89	156	16.82	18	15.65	264
29	23	45.719	27	30.45	138	17.00	3	18.29	267
Aug. 8	23	45.746	17	31.83	119	17.03	11	20.96	261
18	22	45.729	58	33.02	98	16.92	24	23.57	247
28	21	45.671	95	34.00	76	16.68	36	26.04	224
Sept. 7	21	45.576	125	34.76	52	16.32	47	28.28	192
17	20	45.451	148	35.28	30	15.85	56	30.20	151
27	19	45.303	163	35.58	7	15.29	61	31.71	106
Okt. 7	19	45.140	168	35.65	16	14.68	65	32.77	55
17	18	44.972	165	35.49	38	14.03	64	33.32	1
27	17	44.807	152	35.11	60	13.39	61	33.33	53
Nov. 6	17	44.655	132	34.51	82	12.78	56	32.80	106
16	16	44.523	104	33.69	101	12.22	47	31.74	155
26	15	44.419	72	32.68	120	11.75	36	30.19	199
Dez. 6	15	44.347	37	31.48	135	11.39	24	28.20	235
16	14	44.310	1	30.13	147	11.15	10	25.85	263
26	13	44.311	39	28.66	155	11.05	3	23.22	284
36	13	44.350		27.11		11.08		20.38	
Mittl. Ort		43.641		23.89		10.61		19.67	
sec δ, tg δ		1.006		+0.109		3.441		−3.293	

Welt-Zeit	h	750) ψ Cygni AR.	Δ	Dekl.	Δ	751) ϑ¹ Sagittarii AR.	Δ	Dekl.	Δ
1927		$19^h\ 53^m$		$+52°\ 14'$		$19^h\ 54^m$		$-35°\ 28'$	
Jan. 1	13	42.020	28	42.78	327	56.336	84	37.45	94
11	12	41.992	35	39.51	336	56.420	128	36.51	101
21	12	42.027	97	36.15	333	56.548	169	35.50	106
31	11	42.124	158	32.82	318	56.717	207	34.44	110
Feb. 10	11	42.282	215	29.64	291	56.924	241	33.34	112
20	10	42.497	267	26.73	252	57.165	271	32.22	112
März 2	9	42.764	312	24.21	204	57.436	297	31.10	112
12	9	43.076	350	22.17	148	57.733	319	29.98	110
22	8	43.426	379	20.69	88	58.052	339	28.88	107
Apr. 1	7	43.805	399	19.81	25	58.391	353	27.81	101
11	7	44.204	408	19.56	39	58.744	363	26.80	93
21	6	44.612	408	19.95	99	59.107	368	25.87	82
Mai 1	5	45.020	395	20.94	156	59.475	367	25.05	68
11	5	45.415	374	22.50	206	59.842	359	24.37	52
21	4	45.789	342	24.56	250	60.201	343	23.85	35
31	3	46.131	302	27.06	285	60.544	320	23.50	14
Juni 10	3	46.433	253	29.91	311	60.864	289	23.36	7
20	2	46.686	197	33.02	330	61.153	252	23.43	27
30	1	46.883	137	36.32	338	61.405	208	23.70	48
Juli 10	1	47.020	74	39.70	338	61.613	159	24.18	66
20	0	47.094	9	43.08	331	61.772	106	24.84	82
29	23	47.103	56	46.39	316	61.878	51	25.66	94
Aug. 8	23	47.047	118	49.55	293	61.929	2	26.60	103
18	22	46.929	175	52.48	265	61.927	54	27.63	106
28	21	46.754	227	55.13	230	61.873	100	28.69	105
Sept. 7	21	46.527	270	57.43	192	61.773	140	29.74	99
17	20	46.257	304	59.35	147	61.633	171	30.73	88
27	19	45.953	328	60.82	100	61.462	190	31.61	73
Okt. 7	19	45.625	339	61.82	51	61.272	199	32.34	55
17	18	45.286	339	62.33	2	61.073	196	32.89	34
27	17	44.947	328	62.31	56	60.877	181	33.23	12
Nov. 6	17	44.619	305	61.75	108	60.696	156	33.35	10
16	16	44.314	273	60.67	160	60.540	122	33.25	30
26	15	44.041	230	59.07	208	60.418	81	32.95	49
Dez. 6	15	43.811	180	56.99	252	60.337	35	32.46	65
16	14	43.631	125	54.47	287	60.302	11	31.81	79
26	13	43.506	65	51.60	314	60.313	59	31.02	92
36	13	43.441		48.46		60.372		30.10	
Mittl. Ort		44.575		40.17		59.245		30.51	
sec δ, tg δ		1.633		+1.291		1.228		−0.713	

Welt-Zeit		752) γ Sagittae AR.		752) γ Sagittae Dekl.		754) δ Pavonis AR.		754) δ Pavonis Dekl.	
1927		$19^h 55^m$		+19° 17′		$20^h 1^m$		−66° 21′	
Jan. 1	13^h	$28^s.386$	41	33″.25	222	$29^s.66$	9	82″.29	258
11	13	28.427	80	31.03	223	29.75	18	79.71	267
21	12	28.507	116	28.80	216	29.93	27	77.04	269
31	11	28.623	150	26.64	201	30.20	36	74.35	262
Feb. 10	11	28.773	182	24.63	177	30.56	44	71.73	250
20	10	28.955	210	22.86	146	31.00	50	69.23	233
März 2	9	29.165	237	21.40	107	31.50	55	66.90	211
12	9	29.402	259	20.33	65	32.05	61	64.79	184
22	8	29.661	277	19.68	19	32.66	65	62.95	155
Apr. 1	7	29.938	291	19.49	26	33.31	67	61.40	122
11	7	30.229	300	19.75	71	33.98	69	60.18	86
21	6	30.529	303	20.46	114	34.67	70	59.32	48
Mai 1	5	30.832	301	21.60	151	35.37	69	58.84	9
11	5	31.133	291	23.11	183	36.06	67	58.75	30
21	4	31.424	276	24.94	209	36.73	64	59.05	70
31	3	31.700	253	27.03	228	37.37	59	59.75	107
Juni 10	3	31.953	224	29.31	240	37.96	53	60.82	143
20	2	32.177	190	31.71	245	38.49	45	62.25	175
30	1	32.367	150	34.16	244	38.94	37	64.00	202
Juli 10	1	32.517	108	36.60	237	39.31	28	66.02	223
20	0	32.625	63	38.97	223	39.59	17	68.25	239
29	23	32.688	17	41.20	206	39.76	7	70.64	246
Aug. 8	23	32.705	28	43.26	184	39.83	4	73.10	245
18	22	32.677	70	45.10	160	39.79	13	75.55	235
28	21	32.607	107	46.70	132	39.66	23	77.90	218
Sept. 7	21	32.500	139	48.02	102	39.43	31	80.08	191
17	20	32.361	163	49.04	70	39.12	37	81.99	157
27	20	32.198	179	49.74	38	38.75	42	83.56	117
Okt. 7	19	32.019	186	50.12	5	38.33	44	84.73	71
17	18	31.833	183	50.17	29	37.89	44	85.44	22
27	18	31.650	171	49.88	62	37.45	43	85.66	27
Nov. 6	17	31.479	152	49.26	95	37.02	39	85.39	77
16	16	31.327	125	48.31	127	36.63	32	84.62	123
26	16	31.202	93	47.04	156	36.31	25	83.39	165
Dez. 6	15	31.109	58	45.48	181	36.06	16	81.74	201
16	14	31.051	19	43.67	201	35.90	6	79.73	229
26	14	31.032	20	41.66	215	35.84	3	77.44	251
36	13	31.052		39.51		35.87		74.93	
Mittl. Ort		30.612		34.19		34.84		72.97	
sec δ, tg δ		1.060		+0.350		2.495		−2.286	

Welt-Zeit		756) ϑ Aquilae AR.		756) ϑ Aquilae Dekl.		757) o¹ Cygni sq. AR.		757) o¹ Cygni sq. Dekl.	
1927		$20^h 7^m$		−1° 2′		$20^h 11^m$		+46° 30′	
Jan. 1	13^h	$30^s.048$	50	24″.70	112	$17^s.589$	31	71″.58	307
11	13	30.098	86	25.82	109	17.558	22	68.51	317
21	12	30.184	118	26.91	102	17.580	76	65.34	318
31	11	30.302	149	27.93	89	17.656	130	62.16	306
Feb. 10	11	30.451	178	28.82	71	17.786	180	59.10	281
20	10	30.629	204	29.53	50	17.966	227	56.29	246
März 2	9	30.833	228	30.03	25	18.193	269	53.83	202
12	9	31.061	250	30.28	4	18.462	306	51.81	150
22	8	31.311	267	30.24	32	18.768	335	50.31	93
Apr. 1	7	31.578	283	29.92	62	19.103	358	49.38	32
11	7	31.861	294	29.30	88	19.461	372	49.06	29
21	6	32.155	300	28.42	112	19.833	375	49.35	88
Mai 1	5	32.455	301	27.30	133	20.208	371	50.23	143
11	5	32.756	295	25.97	147	20.579	357	51.66	193
21	4	33.051	284	24.50	158	20.936	333	53.59	236
31	3	33.335	265	22.92	164	21.269	301	55.95	272
Juni 10	3	33.600	241	21.28	163	21.570	261	58.67	300
20	2	33.841	211	19.65	159	21.831	214	61.67	318
30	1	34.052	174	18.06	150	22.045	162	64.85	328
Juli 10	1	34.226	134	16.56	137	22.207	105	68.13	331
20	0	34.360	91	15.19	123	22.312	47	71.44	325
29	23	34.451	47	13.96	105	22.359	12	74.69	312
Aug. 8	23	34.498	2	12.91	86	22.347	69	77.81	292
18	22	34.500	40	12.05	68	22.278	124	80.73	265
28	21	34.460	78	11.37	48	22.154	172	83.38	234
Sept. 7	21	34.382	110	10.89	30	21.982	214	85.72	197
17	20	34.272	136	10.59	12	21.768	247	87.69	156
27	20	34.136	152	10.47	5	21.521	272	89.25	111
Okt. 7	19	33.984	161	10.52	21	21.249	285	90.36	64
17	18	33.823	159	10.73	37	20.964	288	91.00	14
27	18	33.664	149	11.10	51	20.676	281	91.14	37
Nov. 6	17	33.515	131	11.61	64	20.395	263	90.77	88
16	16	33.384	106	12.25	77	20.132	236	89.89	138
26	16	33.278	75	13.02	89	19.896	202	88.51	185
Dez. 6	15	33.203	42	13.91	99	19.694	160	86.66	228
16	14	33.161	5	14.90	105	19.534	113	84.38	264
26	14	33.156	31	15.95	110	19.421	62	81.74	292
36	13	33.187		17.05		19.359		78.82	
Mittl. Ort		32.334		20.93		19.972		68.95	
sec δ, tg δ		1.000		−0.018		1.453		+1.054	

Welt-Zeit		759) ϰ Cephei AR.		759) ϰ Cephei Dekl.		760) 24 Vulpeculae AR.		760) 24 Vulpeculae Dekl.		761) α^2 Capricorni AR.		761) α^2 Capricorni Dekl.		765) γ Cygni AR.		765) γ Cygni Dekl.	
1927	h	$20^h\ 11^m$ s		$+77°\ 29'$ "		$20^h\ 13^m$ s		$+24°\ 26'$ "		$20^h\ 13^m$ s		$-12°\ 46'$ "		$20^h\ 19^m$ s		$+40°\ 1'$ "	
Jan. 1	13	17.82	39	37.71	321	37.460	16	42.62	236	57.963	52	25.56	41	34.198	22	22.02	286
11	13	17.43	21	34.50	341	37.476	56	40.26	241	58.015	88	25.97	36	34.176	25	19.16	296
21	12	17.22	1	31.09	348	37.532	93	37.85	237	58.103	121	26.33	28	34.201	73	16.20	297
31	11	17.21	18	27.61	342	37.625	130	35.48	223	58.224	153	26.61	17	34.274	119	13.23	285
Feb. 10	11	17.39	37	24.19	323	37.755	164	33.25	201	58.377	182	26.78	3	34.393	163	10.38	263
20	10	17.76	54	20.96	292	37.919	197	31.24	169	58.559	209	26.81	12	34.556	205	7.75	230
März 2	10	18.30	69	18.04	249	38.116	226	29.55	131	58.768	233	26.69	30	34.761	243	5.45	188
12	9	18.99	82	15.55	198	38.342	252	28.24	87	59.001	255	26.39	49	35.004	277	3.57	139
22	8	19.81	91	13.57	140	38.594	274	27.37	40	59.256	275	25.90	67	35.281	305	2.18	84
Apr. 1	8	20.72	98	12.17	77	38.868	292	26.97	10	59.531	291	25.23	85	35.586	327	1.34	26
11	7	21.70	101	11.40	13	39.160	305	27.07	58	59.822	303	24.38	100	35.913	341	1.08	31
21	6	22.71	100	11.27	50	39.465	311	27.65	104	60.125	310	23.38	112	36.254	349	1.39	87
Mai 1	6	23.71	97	11.77	111	39.776	310	28.69	147	60.435	313	22.26	121	36.603	347	2.26	141
11	5	24.68	90	12.88	168	40.086	303	30.16	184	60.748	309	21.05	126	36.950	337	3.67	187
21	4	25.58	80	14.56	218	40.389	289	32.00	215	61.057	299	19.79	126	37.287	319	5.54	229
31	4	26.38	69	16.74	260	40.678	268	34.15	238	61.356	281	18.53	122	37.606	291	7.83	262
Juni 10	3	27.07	55	19.34	296	40.946	239	36.53	255	61.637	257	17.31	114	37.897	258	10.45	288
20	2	27.62	39	22.30	322	41.185	206	39.08	264	61.894	227	16.17	103	38.155	217	13.33	305
30	2	28.01	23	25.52	341	41.391	165	41.72	266	62.121	191	15.14	90	38.372	171	16.38	314
Juli 10	1	28.24	7	28.93	349	41.556	122	44.38	262	62.312	150	14.24	73	38.543	120	19.52	316
20	0	28.31	11	32.42	350	41.678	76	47.00	252	62.462	107	13.51	57	38.663	66	22.68	310
30	0	28.20	28	35.92	344	41.754	29	49.52	236	62.569	60	12.94	39	38.729	13	25.78	297
Aug. 8	23	27.92	44	39.36	329	41.783	17	51.88	215	62.629	14	12.55	22	38.742	40	28.75	277
18	22	27.48	59	42.65	307	41.766	62	54.03	190	62.643	29	12.33	7	38.702	90	31.52	252
28	22	26.89	72	45.72	278	41.704	101	55.93	162	62.614	70	12.26	6	38.612	136	34.04	222
Sept. 7	21	26.17	85	48.50	244	41.603	136	57.55	131	62.544	104	12.32	18	38.476	176	36.26	187
17	20	25.32	94	50.94	203	41.467	162	58.86	98	62.440	132	12.50	27	38.300	207	38.13	148
27	20	24.38	102	52.97	158	41.305	182	59.84	62	62.308	150	12.77	35	38.093	230	39.61	106
Okt. 7	19	23.36	107	54.55	109	41.123	191	60.46	26	62.158	160	13.12	39	37.863	244	40.67	62
17	18	22.29	110	55.64	56	40.932	192	60.72	11	61.998	159	13.51	43	37.619	247	41.29	15
27	18	21.19	109	56.20	0	40.740	184	60.61	49	61.839	150	13.94	45	37.372	241	41.44	33
Nov. 6	17	20.10	107	56.20	57	40.556	168	60.12	86	61.689	132	14.39	46	37.131	225	41.11	81
16	16	19.03	100	55.63	114	40.388	144	59.26	122	61.557	106	14.85	46	36.906	202	40.30	127
26	16	18.03	92	54.49	169	40.244	115	58.04	155	61.451	76	15.31	47	36.704	172	39.03	172
Dez. 6	15	17.11	80	52.80	220	40.129	81	56.49	184	61.375	42	15.78	47	36.532	134	37.31	212
16	14	16.31	66	50.60	265	40.048	44	54.65	209	61.333	4	16.25	45	36.398	93	35.19	246
26	14	15.65	51	47.95	302	40.004	5	52.56	227	61.329	33	16.70	42	36.305	48	32.73	272
36	13	15.14		44.93		39.999		50.29		61.362		17.12		36.257		30.01	
Mittl. Ort		22.67		32.36		39.652		42.84		60.353		19.94		36.468		19.98	
sec δ, tg δ		4.617		+4.508		1.098		+0.454		1.025		−0.227		1.306		+0.840	

Welt-Zeit		764) α Pavonis AR.		764) α Pavonis Dekl.		767) ϑ Cephei AR.		767) ϑ Cephei Dekl.		768) ε Delphini AR.		768) ε Delphini Dekl.		769) α Indi AR.		769) α Indi Dekl.	
1927	h	$20^h\ 19^m$		−56° 58′		$20^h\ 28^m$		+62° 44′		$20^h\ 29^m$		+11° 3′		$20^h\ 32^m$		−47° 32′	
Jan. 1	14	49.093	49	24.22	215	18.75	15	59.03	314	41.362	19	12.37	169	23.072	36	61.75	165
11	13	49.142	118	22.07	229	18.60	7	55.89	335	41.381	53	10.68	170	23.108	88	60.10	180
21	12	49.260	182	19.78	235	18.53	2	52.54	343	41.434	87	8.98	165	23.196	140	58.30	189
31	12	49.442	243	17.43	236	18.55	10	49.11	338	41.521	119	7.33	153	23.336	188	56.41	196
Feb. 10	11	49.685	298	15.07	232	18.65	18	45.73	320	41.640	151	5.80	133	23.524	232	54.45	198
20	10	49.983	349	12.75	223	18.83	27	42.53	289	41.791	181	4.47	108	23.756	273	52.47	196
März 2	10	50.332	393	10.52	210	19.10	33	39.64	248	41.972	208	3.39	77	24.029	310	50.51	191
12	9	50.725	433	8.42	192	19.43	40	37.16	198	42.180	233	2.62	41	24.339	344	48.60	182
22	8	51.158	466	6.50	172	19.83	45	35.18	140	42.413	255	2.21	3	24.683	373	46.78	170
Apr. 1	8	51.624	492	4.78	147	20.28	49	33.78	77	42.668	275	2.18	35	25.056	398	45.08	154
11	7	52.116	511	3.31	119	20.77	51	33.01	14	42.943	289	2.53	73	25.454	417	43.54	136
21	6	52.627	522	2.12	89	21.28	52	32.87	50	43.232	299	3.26	109	25.871	430	42.18	114
Mai 1	6	53.149	525	1.23	57	21.80	52	33.37	111	43.531	302	4.35	141	26.301	436	41.04	89
11	5	53.674	516	0.66	22	22.32	49	34.48	167	43.833	299	5.76	168	26.737	433	40.15	61
21	4	54.190	498	0.44	13	22.81	46	36.15	219	44.132	290	7.44	189	27.170	422	39.54	32
31	4	54.688	468	0.57	49	23.27	41	38.34	262	44.422	274	9.33	204	27.592	401	39.22	1
Juni 10	3	55.156	427	1.06	83	23.68	35	40.96	298	44.696	250	11.37	213	27.993	371	39.21	30
20	2	55.583	377	1.89	115	24.03	29	43.94	325	44.946	221	13.50	217	28.364	331	39.51	61
30	2	55.960	316	3.04	145	24.32	20	47.19	344	45.167	185	15.67	213	28.695	284	40.12	89
Juli 10	1	56.276	248	4.49	169	24.52	13	50.63	353	45.352	145	17.80	206	28.979	229	41.01	115
20	1	56.524	173	6.18	189	24.65	4	54.16	355	45.497	103	19.86	194	29.208	168	42.16	137
30	0	56.697	95	8.07	203	24.69	4	57.71	348	45.600	58	21.80	177	29.376	105	43.53	155
Aug. 8	23	56.792	17	10.10	209	24.65	12	61.19	333	45.658	13	23.57	157	29.481	39	45.08	166
18	23	56.809	61	12.19	207	24.53	20	64.52	312	45.671	30	25.14	135	29.520	25	46.74	170
28	22	56.748	133	14.26	198	24.33	27	67.64	283	45.641	69	26.49	111	29.495	84	48.44	169
Sept. 7	21	56.615	196	16.24	181	24.06	34	70.47	248	45.572	103	27.60	86	29.411	137	50.13	160
17	21	56.419	248	18.05	156	23.72	39	72.95	208	45.469	131	28.46	61	29.274	182	51.73	143
27	20	56.171	286	19.61	125	23.33	42	75.03	164	45.338	151	29.07	34	29.092	215	53.16	122
Okt. 7	19	55.885	309	20.86	88	22.91	45	76.67	114	45.187	162	29.41	7	28.877	235	54.38	94
17	19	55.576	315	21.74	47	22.46	47	77.81	61	45.025	165	29.48	19	28.642	242	55.32	63
27	18	55.261	305	22.21	5	21.99	47	78.42	5	44.860	159	29.29	44	28.400	235	55.95	28
Nov. 6	17	54.956	277	22.26	39	21.52	46	78.47	51	44.701	145	28.85	69	28.165	216	56.23	7
16	17	54.679	237	21.87	80	21.06	42	77.96	108	44.556	124	28.16	94	27.949	185	56.16	42
26	16	54.442	186	21.07	119	20.64	38	76.88	162	44.432	98	27.22	116	27.764	145	55.74	76
Dez. 6	15	54.256	125	19.88	154	20.26	34	75.26	213	44.334	68	26.06	136	27.619	99	54.98	106
16	15	54.131	58	18.34	183	19.92	27	73.13	258	44.266	35	24.70	151	27.520	47	53.92	133
26	14	54.073	11	16.51	206	19.65	19	70.55	295	44.231	0	23.19	163	27.473	7	52.59	155
36	13	54.084		14.45		19.46		67.60		44.231		21.56		27.480		51.04	
Mittl. Ort		53.015		13.50		21.59		54.01		43.525		14.74		26.311		50.66	
sec δ, tg δ		1.835		−1.538		2.184		+1.941		1.019		+0.195		1.482		−1.093	

Welt-Zeit		770) 73 Draconis AR.		Dekl.		771) β Delphini AR.		Dekl.		773) υ Capricorni AR.		Dekl.		774) α Delphini AR.		Dekl.	
1927	h	$20^h\ 32^m$		$+74°\ 41'$		$20^h\ 34^m$		$+14°\ 20'$		$20^h\ 35^m$		$-18°\ 23'$		$20^h\ 36^m$		$+15°\ 38'$	
		s		"		s		"		s		"		s		"	
Jan. 1	14	25.42	37	83.22	308	5.401	11	22.81	183	51.386	33	55.98	5	12.706	8	70.95	188
11	13	25.05	22	80.14	332	5.412	46	20.98	186	51.419	69	56.03	4	12.714	42	69.07	191
21	13	24.83	6	76.82	345	5.458	80	19.12	181	51.488	103	55.99	14	12.756	77	67.16	188
31	12	24.77	9	73.37	344	5.538	113	17.31	170	51.591	136	55.85	26	12.833	111	65.28	176
Feb. 10	11	24.86	24	69.93	330	5.651	146	15.61	150	51.727	167	55.59	38	12.944	143	63.52	157
20	11	25.10	39	66.63	303	5.797	176	14.11	124	51.894	195	55.21	51	13.087	174	61.95	130
März 2	10	25.49	52	63.60	265	5.973	205	12.87	92	52.089	223	54.70	66	13.261	203	60.65	98
12	9	26.01	63	60.95	218	6.178	231	11.95	55	52.312	248	54.04	81	13.464	230	59.67	61
22	9	26.64	73	58.77	161	6.409	255	11.40	15	52.560	270	53.23	95	13.694	254	59.06	19
Apr. 1	8	27.37	79	57.16	100	6.664	274	11.25	26	52.830	290	52.28	107	13.948	275	58.87	23
11	7	28.16	83	56.16	37	6.938	290	11.51	68	53.120	306	51.21	117	14.223	290	59.10	64
21	7	28.99	84	55.79	28	7.228	300	12.19	105	53.426	317	50.04	124	14.513	301	59.74	104
Mai 1	6	29.83	83	56.07	89	7.528	305	13.24	140	53.743	323	48.80	128	14.814	305	60.78	139
11	5	30.66	79	56.96	148	7.833	302	14.64	170	54.066	323	47.52	127	15.119	303	62.17	171
21	5	31.45	72	58.44	201	8.135	293	16.34	195	54.389	316	46.25	121	15.422	294	63.88	197
31	4	32.17	63	60.45	247	8.428	276	18.29	212	54.705	301	45.04	113	15.716	278	65.85	215
Juni 10	3	32.80	53	62.92	286	8.704	253	20.41	224	55.006	279	43.91	101	15.994	254	68.00	228
20	3	33.33	42	65.78	316	8.957	223	22.65	229	55.285	251	42.90	85	16.248	225	70.28	234
30	2	33.75	28	68.94	339	9.180	188	24.94	229	55.536	217	42.05	68	16.473	189	72.62	235
Juli 10	1	34.03	15	72.33	352	9.368	148	27.23	222	55.753	176	41.37	49	16.662	149	74.97	229
20	1	34.18	0	75.85	357	9.516	105	29.45	211	55.929	131	40.88	30	16.811	106	77.26	217
30	0	34.18	13	79.42	354	9.621	59	31.56	195	56.060	85	40.58	11	16.917	60	79.43	202
Aug. 8	23	34.05	27	82.96	343	9.680	15	33.51	175	56.145	37	40.47	7	16.977	15	81.45	183
18	23	33.78	40	86.39	324	9.695	29	35.26	153	56.182	9	40.54	22	16.992	28	83.28	161
28	22	33.38	51	89.63	299	9.666	68	36.79	129	56.173	52	40.76	35	16.964	68	84.89	135
Sept. 7	21	32.87	62	92.62	268	9.598	104	38.08	102	56.121	90	41.11	45	16.896	104	86.24	109
17	21	32.25	71	95.30	229	9.494	132	39.10	74	56.031	120	41.56	51	16.792	132	87.33	80
27	20	31.54	78	97.59	186	9.362	152	39.84	46	55.911	143	42.07	54	16.660	153	88.13	51
Okt. 7	19	30.76	84	99.45	138	9.210	165	40.30	17	55.768	157	42.61	55	16.507	166	88.64	21
17	19	29.92	86	100.83	85	9.045	168	40.47	12	55.611	161	43.16	52	16.341	169	88.85	8
27	18	29.06	88	101.68	30	8.877	163	40.35	40	55.450	154	43.68	48	16.172	165	88.77	39
Nov. 6	17	28.18	87	101.98	27	8.714	149	39.95	69	55.296	140	44.16	43	16.007	152	88.38	68
16	17	27.31	82	101.71	86	8.565	130	39.26	96	55.156	118	44.59	36	15.855	133	87.70	96
26	16	26.49	76	100.85	143	8.435	105	38.30	121	55.038	90	44.95	30	15.722	107	86.74	123
Dez. 6	16	25.73	68	99.42	197	8.330	75	37.09	144	54.948	57	45.25	22	15.615	78	85.51	146
16	15	25.05	57	97.45	245	8.255	42	35.65	162	54.891	22	45.47	15	15.537	46	84.05	166
26	14	24.48	45	95.00	286	8.213	8	34.03	175	54.869	14	45.62	8	15.491	12	82.39	180
36	14	24.03		92.14		8.205		32.28		54.883		45.70		15.479		80.59	
Mittl. Ort		29.46		77.00		7.543		24.65		53.789		48.47		14.840		72.58	
sec δ, tg δ		3.791		+3.657		1.032		+0.256		1.054		−0.333		1.039		+0.280	

Welt-Zeit		775) β Pavonis				777) α Cygni				780) ε Cygni				781) ε Aquarii			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927	h	20h 38m		−66° 27′		20h 38m		+45° 0′		20h 43m		+33° 41′		20h 43m		−9° 45′	
Jan. 1	14	19.17	1	74.99	257	54.290	60	70.61	285	13.270	30	47.12	252	41.273	22	56.76	54
11	13	19.16	9	72.42	275	54.230	10	67.76	302	13.240	11	44.60	264	41.295	56	57.30	47
21	13	19.25	17	69.67	285	54.220	40	64.74	307	13.251	52	41.96	267	41.351	89	57.77	38
31	12	19.42	26	66.82	287	54.260	92	61.67	300	13.303	93	39.29	259	41.440	120	58.15	26
Feb. 10	11	19.68	35	63.95	283	54.352	141	58.67	281	13.396	134	36.70	240	41.560	150	58.41	11
20	11	20.03	42	61.12	272	54.493	190	55.86	252	13.530	174	34.30	212	41.710	179	58.52	7
März 2	10	20.45	48	58.40	256	54.683	235	53.34	213	13.704	210	32.18	174	41.889	206	58.45	27
12	9	20.93	54	55.84	234	54.918	275	51.21	165	13.914	244	30.44	130	42.095	231	58.18	48
22	9	21.47	59	53.50	208	55.193	310	49.56	110	14.158	274	29.14	80	42.326	255	57.70	69
Apr. 1	8	22.06	63	51.42	178	55.503	338	48.46	53	14.432	298	28.34	28	42.581	275	57.01	90
11	7	22.69	66	49.64	144	55.841	357	47.93	6	14.730	317	28.06	27	42.856	291	56.11	109
21	7	23.35	69	48.20	106	56.198	369	47.99	65	15.047	329	28.33	79	43.147	304	55.02	125
Mai 1	6	24.04	69	47.14	67	56.567	371	48.64	121	15.376	334	29.12	129	43.451	311	53.77	137
11	5	24.73	68	46.47	25	56.938	364	49.85	172	15.710	330	30.41	173	43.762	312	52.40	144
21	5	25.41	66	46.22	17	57.302	347	51.57	217	16.040	318	32.14	213	44.074	306	50.96	147
31	4	26.07	63	46.39	59	57.649	321	53.74	256	16.358	298	34.27	246	44.380	292	49.49	146
Juni 10	3	26.70	57	46.98	99	57.970	286	56.30	286	16.656	271	36.73	270	44.672	273	48.03	140
20	3	27.27	51	47.97	137	58.256	245	59.16	309	16.927	236	39.43	288	44.945	245	46.63	130
30	2	27.78	44	49.34	172	58.501	196	62.25	323	17.163	195	42.31	298	45.190	212	45.33	117
Juli 10	1	28.22	35	51.06	201	58.697	143	65.48	329	17.358	151	45.29	300	45.402	174	44.16	101
20	1	28.57	25	53.07	224	58.840	87	68.77	328	17.509	102	48.29	295	45.576	131	43.15	83
30	0	28.82	15	55.31	240	58.927	29	72.05	319	17.611	51	51.24	284	45.707	86	42.32	63
Aug. 8	23	28.97	4	57.71	247	58.956	28	75.24	302	17.662	1	54.08	267	45.793	41	41.69	45
18	23	29.01	6	60.18	247	58.928	82	78.26	280	17.663	48	56.75	244	45.834	4	41.24	27
28	22	28.95	17	62.65	237	58.846	133	81.06	252	17.615	92	59.19	217	45.830	45	40.97	10
Sept. 7	22	28.78	25	65.02	217	58.713	176	83.58	218	17.523	131	61.36	186	45.785	82	40.87	6
17	21	28.53	33	67.19	190	58.537	213	85.76	180	17.392	164	63.22	150	45.703	112	40.93	18
27	20	28.20	38	69.09	154	58.324	242	87.56	139	17.228	188	64.72	112	45.591	135	41.11	30
Okt. 7	20	27.82	43	70.63	111	58.082	260	88.95	93	17.040	205	65.84	72	45.456	148	41.41	38
17	19	27.39	45	71.74	64	57.822	269	89.88	45	16.835	211	66.56	29	45.308	153	41.79	45
27	18	26.94	44	72.38	14	57.553	267	90.33	5	16.624	209	66.85	14	45.155	149	42.24	50
Nov. 6	18	26.50	42	72.52	38	57.286	256	90.28	55	16.415	199	66.71	58	45.006	136	42.74	53
16	17	26.08	38	72.14	88	57.030	236	89.73	105	16.216	180	66.13	101	44.870	117	43.27	55
26	16	25.70	31	71.26	135	56.794	208	88.68	153	16.036	155	65.12	141	44.753	91	43.82	57
Dez. 6	16	25.39	24	69.91	178	56.586	173	87.15	198	15.881	126	63.71	180	44.662	61	44.39	58
16	15	25.15	15	68.13	215	56.413	133	85.17	237	15.755	90	61.91	212	44.601	30	44.97	57
26	14	25.00	6	65.98	245	56.280	87	82.80	268	15.665	52	59.79	239	44.571	5	45.54	54
36	14	24.94		63.53		56.193		80.12		15.613		57.40		44.576		46.08	
Mittl. Ort		24.07		61.96		56.565		67.37		15.418		45.57		43.539		50.36	
sec δ, tg δ		2.504		−2.296		1.415		+1.001		1.202		+0.667		1.015		−0.172	

Welt-Zeit		783) η Cephei AR.		783) η Cephei Dekl.		784) λ Cygni AR.		784) λ Cygni Dekl.		785) β Indi AR.		785) β Indi Dekl.		786) 32 Vulpeculae AR.		786) 32 Vulpeculae Dekl.	
1927	h	$20^h\ 43^m$		+61° 32′		$20^h\ 44^m$		+36° 13′		$20^h\ 49^m$		−58° 43′		$20^h\ 51^m$		+27° 46′	
Jan. 1	14	45.75	16	82.80	300	31.691	39	20.25	260	3.080	8	64.76	219	24.794	26	45.55	229
11	13	45.59	9	79.80	323	31.652	3	17.65	273	3.072	62	62.57	239	24.768	11	43.26	239
21	13	45.50	1	76.57	335	31.655	47	14.92	277	3.134	130	60.18	252	24.779	49	40.87	241
31	12	45.49	7	73.22	333	31.702	90	12.15	270	3.264	195	57.66	258	24.828	87	38.46	233
Feb. 10	11	45.56	15	69.89	318	31.792	132	9.45	251	3.459	255	55.08	259	24.915	125	36.13	215
20	11	45.71	23	66.71	292	31.924	173	6.94	222	3.714	312	52.49	255	25.040	161	33.98	188
März 2	10	45.94	30	63.79	254	32.097	211	4.72	186	4.026	365	49.94	244	25.201	195	32.10	154
12	9	46.24	36	61.25	206	32.308	247	2.86	140	4.391	411	47.50	230	25.396	228	30.56	112
22	9	46.60	42	59.19	151	32.555	278	1.46	89	4.802	452	45.20	210	25.624	257	29.44	66
Apr. 1	8	47.02	47	57.68	90	32.833	303	0.57	36	5.254	487	43.10	186	25.881	281	28.78	16
11	7	47.49	49	56.78	27	33.136	323	0.21	19	5.741	516	41.24	159	26.162	301	28.62	33
21	7	47.98	50	56.51	36	33.459	336	0.40	74	6.257	535	39.65	128	26.463	315	28.95	82
Mai 1	6	48.48	50	56.87	98	33.795	339	1.14	125	6.792	544	38.37	94	26.778	320	29.77	128
11	6	48.98	49	57.85	155	34.134	336	2.39	171	7.336	545	37.43	58	27.098	320	31.05	169
21	5	49.47	46	59.40	208	34.470	324	4.10	212	7.881	533	36.85	19	27.418	311	32.74	205
31	4	49.93	42	61.48	253	34.794	303	6.22	247	8.414	510	36.66	20	27.729	294	34.79	234
Juni 10	4	50.35	37	64.01	291	35.097	274	8.69	273	8.924	474	36.86	58	28.023	270	37.13	256
20	3	50.72	30	66.92	320	35.371	239	11.42	292	9.398	427	37.44	95	28.293	239	39.69	271
30	2	51.02	23	70.12	342	35.610	197	14.34	303	9.825	370	38.39	130	28.532	202	42.40	279
Juli 10	2	51.25	16	73.54	354	35.807	151	17.37	307	10.195	303	39.69	161	28.734	159	45.19	280
20	1	51.41	8	77.08	358	35.958	100	20.44	303	10.498	228	41.30	186	28.893	113	47.99	274
30	0	51.49	0	80.66	355	36.058	49	23.47	293	10.726	147	43.16	205	29.006	66	50.73	262
Aug. 9	0	51.49	8	84.21	342	36.107	2	26.40	276	10.873	65	45.21	217	29.072	18	53.35	245
18	23	51.41	16	87.63	323	36.105	52	29.16	254	10.938	18	47.38	222	29.090	29	55.80	223
28	22	51.25	23	90.86	297	36.053	98	31.70	226	10.920	96	49.60	218	29.061	72	58.03	196
Sept. 7	22	51.02	29	93.83	265	35.955	137	33.96	194	10.824	167	51.78	205	28.989	111	59.99	167
17	21	50.73	35	96.48	227	35.818	172	35.90	159	10.657	229	53.83	184	28.878	142	61.66	134
27	20	50.38	39	98.75	184	35.646	197	37.49	120	10.428	277	55.67	155	28.736	167	63.00	100
Okt. 7	20	49.99	42	100.59	135	35.449	214	38.69	78	10.151	310	57.22	120	28.569	183	64.00	62
17	19	49.57	44	101.94	84	35.235	221	39.47	35	9.841	326	58.42	79	28.386	190	64.62	24
27	18	49.13	44	102.78	29	35.014	220	39.82	10	9.515	326	59.21	35	28.196	189	64.86	15
Nov. 6	18	48.69	43	103.07	28	34.794	209	39.72	56	9.189	309	59.56	11	28.007	180	64.71	55
16	17	48.26	41	102.79	85	34.585	192	39.16	100	8.880	277	59.45	56	27.827	163	64.16	93
26	16	47.85	37	101.94	139	34.393	167	38.16	144	8.603	231	58.89	100	27.664	141	63.23	130
Dez. 6	16	47.48	33	100.55	192	34.226	136	36.72	183	8.372	176	57.89	140	27.523	112	61.93	164
16	15	47.15	28	98.63	240	34.090	100	34.89	217	8.196	113	56.49	176	27.411	81	60.29	193
26	14	46.87	21	96.23	278	33.990	62	32.72	245	8.083	45	54.73	206	27.330	46	58.36	216
36	14	46.66		93.45		33.928		30.27		8.038		52.67		27.284		56.20	
Mittl. Ort		48.46		77.26		33.851		18.25		6.955		51.22		26.889		44.95	
sec δ, tg δ		2.099		+1.846		1.240		+0.732		1.927		−1.647		1.130		+0.527	

Welt-Zeit		788) ν Cygni AR.		788) ν Cygni Dekl.		790) ζ Microscopii AR.		790) ζ Microscopii Dekl.	
1927		20h 54m		+40° 52′		20h 58m		−38° 54′	
Jan. 1	14h	24.876s	63	70.05″	265	15.596s	8	75.97″	113
11	14	24.813	19	67.40	282	15.604	51	74.84	131
21	13	24.794	28	64.58	289	15.655	93	73.53	146
31	12	24.822	74	61.69	285	15.748	134	72.07	157
Feb. 10	12	24.896	120	58.84	269	15.882	172	70.50	166
20	11	25.016	166	56.15	242	16.054	210	68.84	172
März 2	10	25.182	209	53.73	206	16.264	245	67.12	176
12	10	25.391	248	51.67	161	16.509	277	65.36	176
22	9	25.639	283	50.06	109	16.786	307	63.60	174
Apr. 1	8	25.922	313	48.97	55	17.093	333	61.86	168
11	8	26.235	335	48.42	2	17.426	355	60.18	158
21	7	26.570	350	48.44	58	17.781	373	58.60	145
Mai 1	6	26.920	356	49.02	112	18.154	384	57.15	128
11	6	27.276	353	50.14	162	18.538	387	55.87	108
21	5	27.629	342	51.76	207	18.925	382	54.79	84
31	4	27.971	320	53.83	245	19.307	369	53.95	58
Juni 10	4	28.291	291	56.28	275	19.676	347	53.37	31
20	3	28.582	255	59.03	297	20.023	317	53.06	1
30	2	28.837	211	62.00	313	20.340	279	53.05	28
Juli 10	2	29.048	162	65.13	319	20.619	233	53.33	55
20	1	29.210	110	68.32	319	20.852	181	53.88	81
30	0	29.320	56	71.51	311	21.033	127	54.69	103
Aug. 9	0	29.376	2	74.62	296	21.160	69	55.72	121
18	23	29.378	51	77.58	275	21.229	13	56.93	133
28	22	29.327	99	80.33	249	21.242	41	58.26	139
Sept. 7	22	29.228	143	82.82	218	21.201	90	59.65	140
17	21	29.085	180	85.00	182	21.111	132	61.05	135
27	21	28.905	207	86.82	143	20.979	165	62.40	122
Okt. 7	20	28.698	228	88.25	99	20.814	186	63.62	104
17	19	28.470	238	89.24	55	20.628	197	64.66	83
27	19	28.232	239	89.79	7	20.431	196	65.49	57
Nov. 6	18	27.993	232	89.86	41	20.235	185	66.06	29
16	17	27.761	215	89.45	89	20.050	163	66.35	1
26	17	27.546	192	88.56	135	19.887	134	66.36	28
Dez. 6	16	27.354	162	87.21	179	19.753	98	66.08	55
16	15	27.192	126	85.42	217	19.655	58	65.53	80
26	15	27.066	87	83.25	247	19.597	16	64.73	103
36	14	26.979		80.78		19.581		63.70	
Mittl. Ort		27.045		67.07		18.359		63.90	
sec δ, tg δ		1.323		+0.866		1.285		−0.807	

Welt-Zeit		793) 61 Cygni pr.*) AR.		793) 61 Cygni pr.*) Dekl.		794) ν Aquarii AR.		794) ν Aquarii Dekl.	
1927		21h 3m		+38° 23′		21h 5m		−11° 39′	
Jan. 1	14h	35.256s	51	25.14″	245	34.978s	3	73.13″	40
11	14	35.205	9	22.69	261	34.981	36	73.53	31
21	13	35.196	34	20.08	269	35.017	68	73.84	21
31	12	35.230	78	17.39	264	35.085	99	74.05	8
Feb. 10	12	35.308	123	14.75	249	35.184	130	74.13	8
20	11	35.431	166	12.26	223	35.314	160	74.05	25
März 2	10	35.597	208	10.03	187	35.474	188	73.80	44
12	10	35.805	247	8.16	145	35.662	216	73.36	64
22	9	36.052	281	6.71	95	35.878	243	72.72	84
Apr. 1	8	36.333	311	5.76	41	36.121	266	71.88	104
11	8	36.644	333	5.35	14	36.387	286	70.84	121
21	7	36.977	350	5.49	68	36.673	301	69.63	135
Mai 1	6	37.327	357	6.17	122	36.974	312	68.28	145
11	6	37.684	356	7.39	170	37.286	317	66.83	152
21	5	38.040	347	9.09	213	37.603	314	65.31	153
31	4	38.387	328	11.22	250	37.917	304	63.78	150
Juni 10	4	38.715	300	13.72	280	38.221	286	62.28	142
20	3	39.015	266	16.52	302	38.507	263	60.86	130
30	2	39.281	225	19.54	316	38.770	231	59.56	116
Juli 10	2	39.506	178	22.70	322	39.001	195	58.40	98
20	1	39.684	128	25.92	321	39.196	153	57.42	79
30	0	39.812	76	29.13	313	39.349	108	56.63	59
Aug. 9	0	39.888	23	32.26	299	39.457	63	56.04	38
18	23	39.911	28	35.25	278	39.520	17	55.66	19
28	22	39.883	76	38.03	252	39.537	25	55.47	1
Sept. 7	22	39.807	118	40.55	222	39.512	64	55.46	15
17	21	39.689	154	42.77	186	39.448	97	55.61	28
27	21	39.535	183	44.63	148	39.351	122	55.89	38
Okt. 7	20	39.352	203	46.11	107	39.229	139	56.27	46
17	19	39.149	213	47.18	63	39.090	148	56.73	51
27	19	38.936	215	47.81	17	38.942	147	57.24	53
Nov. 6	18	38.721	208	47.98	29	38.795	138	57.77	55
16	17	38.513	193	47.69	75	38.657	122	58.32	55
26	17	38.320	172	46.94	119	38.535	100	58.87	53
Dez. 6	16	38.148	143	45.75	161	38.435	74	59.40	50
16	15	38.005	110	44.14	198	38.361	45	59.90	47
26	15	37.895	73	42.16	228	38.316	13	60.37	41
36	14	37.822		39.88		38.303		60.78	
Mittl. Ort		37.381		22.64		37.186		65.50	
sec δ, tg δ		1.276		+0.792		1.021		−0.207	

*) Die jährliche Parallaxe (0.″30) ist bereits berücksichtigt

Welt-Zeit		795) Br 2777 AR.		Dekl.		797) ζ Cygni AR.		Dekl.		800) α Equulei AR.		Dekl.		803) α Cephei AR.		Dekl.	
1927		$21^h\ 6^m$		+77° 49′		$21^h\ 9^m$		+29° 55′		$21^h\ 12^m$		+4° 56′		$21^h\ 16^m$		+62° 16′	
Jan. 1	14^h	$55^s.05$	61	58″.67	273	$47^s.658$	48	37″.24	225	$8^s.460$	11	38″.19	124	$47^s.73$	22	39″.91	273
11	14	54.44	45	55.94	307	47.610	11	34.99	238	8.449	18	36.95	124	47.51	16	37.18	303
21	13	53.99	26	52.87	329	47.599	27	32.61	244	8.467	50	35.71	118	47.35	8	34.15	323
31	12	53.73	7	49.58	339	47.626	65	30.17	239	8.517	81	34.53	108	47.27	0	30.92	330
Feb. 10	12	53.66	13	46.19	336	47.691	103	27.78	224	8.598	112	33.45	92	47.27	9	27.62	324
20	11	53.79	32	42.83	319	47.794	142	25.54	200	8.710	143	32.53	70	47.36	17	24.38	306
März 2	11	54.11	51	39.64	290	47.936	180	23.54	166	8.853	173	31.83	44	47.53	25	21.32	276
12	10	54.62	66	36.74	250	48.116	215	21.88	127	9.026	201	31.39	15	47.78	32	18.56	234
22	9	55.28	80	34.24	201	48.331	247	20.61	81	9.227	229	31.24	18	48.10	38	16.22	184
Apr. 1	9	56.08	91	32.23	144	48.578	275	19.80	33	9.456	253	31.42	51	48.48	44	14.38	128
11	8	56.99	98	30.79	84	48.853	298	19.47	18	9.709	275	31.93	83	48.92	48	13.10	67
21	7	57.97	103	29.95	22	49.151	316	19.65	68	9.984	291	32.76	113	49.40	51	12.43	4
Mai 1	7	59.00	103	29.73	42	49.467	325	20.33	115	10.275	302	33.89	140	49.91	52	12.39	57
11	6	60.03	101	30.15	102	49.792	327	21.48	158	10.577	306	35.29	163	50.43	51	12.96	116
21	5	61.04	95	31.17	159	50.119	322	23.06	197	10.883	304	36.92	180	50.94	50	14.12	172
31	5	61.99	86	32.76	209	50.441	307	25.03	229	11.187	294	38.72	192	51.44	47	15.84	222
Juni 10	4	62.85	75	34.85	255	50.748	285	27.32	255	11.481	278	40.64	198	51.91	42	18.06	264
20	3	63.60	62	37.40	293	51.033	256	29.87	273	11.759	253	42.62	199	52.33	36	20.70	300
30	3	64.22	47	40.33	321	51.289	219	32.60	283	12.012	223	44.61	194	52.69	30	23.70	328
Juli 10	2	64.69	32	43.54	344	51.508	178	35.43	287	12.235	186	46.55	185	52.99	22	26.98	346
20	1	65.01	14	46.98	357	51.686	132	38.30	284	12.421	146	48.40	172	53.21	15	30.44	357
30	1	65.15	3	50.55	363	51.818	84	41.14	276	12.567	103	50.12	155	53.36	6	34.01	360
Aug. 9	0	65.12	19	54.18	359	51.902	36	43.90	260	12.670	59	51.67	136	53.42	1	37.61	355
18	23	64.93	36	57.77	349	51.938	12	46.50	239	12.729	15	53.03	115	53.41	10	41.16	342
28	23	64.57	52	61.26	331	51.926	57	48.89	215	12.744	26	54.18	92	53.31	17	44.58	322
Sept. 7	22	64.05	66	64.57	307	51.869	97	51.04	186	12.718	64	55.10	70	53.14	24	47.80	295
17	21	63.39	78	67.64	274	51.772	131	52.90	155	12.654	96	55.80	48	52.90	30	50.75	261
27	21	62.61	89	70.38	237	51.641	159	54.45	119	12.558	121	56.28	26	52.60	35	53.36	222
Okt. 7	20	61.72	98	72.75	192	51.482	177	55.64	83	12.437	137	56.54	4	52.25	39	55.58	178
17	19	60.74	104	74.67	144	51.305	188	56.47	43	12.300	146	56.58	17	51.86	42	57.36	129
27	19	59.70	108	76.11	90	51.117	191	56.90	4	12.154	148	56.41	36	51.44	43	58.65	75
Nov. 6	18	58.62	109	77.01	32	50.926	185	56.94	37	12.006	140	56.05	54	51.01	44	59.40	20
16	17	57.53	107	77.33	26	50.741	172	56.57	78	11.866	127	55.51	71	50.57	43	59.60	38
26	17	56.46	102	77.07	85	50.569	153	55.79	116	11.739	107	54.80	87	50.14	40	59.22	95
Dez. 6	16	55.44	95	76.22	144	50.416	128	54.63	152	11.632	84	53.93	101	49.74	37	58.27	151
16	15	54.49	84	74.78	198	50.288	99	53.11	184	11.548	57	52.92	112	49.37	32	56.76	202
26	15	53.65	72	72.80	246	50.189	66	51.27	210	11.491	27	51.80	119	49.05	26	54.74	247
36	14	52.93		70.34		50.123		49.17		11.464		50.61		48.79		52.27	
Mittl. Ort		59.45		50.63		49.698		36.04		10.515		42.42		50.30		33.02	
sec δ, tg δ		4.744		+4.637		1.154		+0.576		1.004		+0.087		2.149		+1.902	

Welt-Zeit		804) ι Pegasi AR.		804) ι Pegasi Dekl.		805) γ Pavonis AR.		805) γ Pavonis Dekl.		806) ζ Capricorni AR.		806) ζ Capricorni Dekl.		808) β Aquarii AR.		808) β Aquarii Dekl.	
1927	h	$21^h 18^m$ s		+19° 29′ ″		$21^h 20^m$ s		−65° 41′ ″		$21^h 22^m$ s		−22° 43′ ″		$21^h 27^m$ s		−5° 53′ ″	
Jan. 1	15	40.599	35	27.70	183	21.37	11	69.20	242	27.878	11	53.28	22	40.967	17	42.48	66
11	14	40.564	3	25.87	191	21.26	2	66.78	269	27.867	23	53.06	36	40.950	12	43.14	60
21	13	40.561	31	23.96	193	21.24	7	64.09	288	27.890	56	52.70	51	40.962	42	43.74	51
31	13	40.592	64	22.03	187	21.31	15	61.21	300	27.946	89	52.19	66	41.004	73	44.25	39
Feb. 10	12	40.656	98	20.16	171	21.46	23	58.21	306	28.035	121	51.53	81	41.077	103	44.64	22
20	11	40.754	133	18.45	149	21.69	30	55.15	303	28.156	154	50.72	95	41.180	133	44.86	3
März 2	11	40.887	166	16.96	119	21.99	38	52.12	295	28.310	184	49.77	110	41.313	163	44.89	18
12	10	41.053	199	15.77	83	22.37	45	49.17	280	28.494	215	48.67	124	41.476	193	44.71	43
22	9	41.252	229	14.94	43	22.82	50	46.37	260	28.709	245	47.43	136	41.669	222	44.28	67
Apr. 1	9	41.481	256	14.51	1	23.32	55	43.77	234	28.954	270	46.07	145	41.891	247	43.61	90
11	8	41.737	279	14.50	42	23.87	60	41.43	205	29.224	294	44.62	153	42.138	271	42.71	114
21	7	42.016	297	14.92	85	24.47	63	39.38	169	29.518	314	43.09	157	42.409	290	41.57	134
Mai 1	7	42.313	309	15.77	125	25.10	66	37.69	131	29.832	327	41.52	156	42.699	303	40.23	151
11	6	42.622	314	17.02	161	25.76	66	36.38	89	30.159	334	39.96	151	43.002	311	38.72	163
21	5	42.936	311	18.63	190	26.42	66	35.49	46	30.493	335	38.45	142	43.313	312	37.09	170
31	5	43.247	300	20.53	216	27.08	64	35.03	1	30.828	328	37.03	129	43.625	306	35.39	172
Juni 10	4	43.547	283	22.69	234	27.72	61	35.02	44	31.156	313	35.74	112	43.931	291	33.67	170
20	3	43.830	256	25.03	246	28.33	56	35.46	87	31.469	290	34.62	92	44.222	270	31.97	163
30	3	44.086	224	27.49	251	28.89	49	36.33	128	31.759	259	33.70	69	44.492	241	30.34	151
Juli 10	2	44.310	187	30.00	250	29.38	42	37.61	165	32.018	223	33.01	46	44.733	207	28.83	136
20	2	44.497	145	32.50	243	29.80	33	39.26	197	32.241	180	32.55	21	44.940	167	27.47	118
30	1	44.642	101	34.93	232	30.13	24	41.23	222	32.421	134	32.34	2	45.107	125	26.29	98
Aug. 9	0	44.743	55	37.25	214	30.37	14	43.45	240	32.555	86	32.36	24	45.232	80	25.31	77
19	0	44.798	10	39.39	195	30.51	3	45.85	249	32.641	37	32.60	43	45.312	36	24.54	56
28	23	44.808	33	41.34	171	30.54	7	48.34	249	32.678	9	33.03	59	45.348	7	23.98	36
Sept. 7	22	44.775	72	43.05	144	30.47	17	50.83	240	32.669	51	33.62	72	45.341	46	23.62	16
17	22	44.703	104	44.49	116	30.30	24	53.23	221	32.618	89	34.34	79	45.295	79	23.46	1
27	21	44.599	131	45.65	86	30.06	32	55.44	192	32.529	118	35.13	82	45.216	107	23.47	17
Okt. 7	20	44.468	149	46.51	55	29.74	38	57.36	155	32.411	139	35.95	81	45.109	126	23.64	30
17	20	44.319	160	47.06	23	29.36	41	58.91	113	32.272	152	36.76	76	44.983	138	23.94	41
27	19	44.159	163	47.29	9	28.95	42	60.04	64	32.120	154	37.52	68	44.845	140	24.35	49
Nov. 6	18	43.996	158	47.20	41	28.53	42	60.68	12	31.966	149	38.20	57	44.705	136	24.84	57
16	18	43.838	147	46.79	72	28.11	40	60.80	40	31.817	134	38.77	44	44.569	125	25.41	62
26	17	43.691	129	46.07	102	27.71	35	60.40	92	31.683	114	39.21	30	44.444	107	26.03	66
Dez. 6	16	43.562	106	45.05	129	27.36	29	59.48	140	31.569	89	39.51	15	44.337	85	26.69	68
16	16	43.456	80	43.76	153	27.07	23	58.08	185	31.480	59	39.66	0	44.252	60	27.37	68
26	15	43.376	51	42.23	172	26.84	15	56.23	223	31.421	27	39.66	14	44.192	32	28.05	67
36	14	43.325		40.51		26.69		54.00		31.394		39.52		44.160		28.72	
Mittl. Ort		42.591		28.71		25.70		52.36		30.159		42.60		43.032		35.35	
sec δ, tg δ		1.061		+0.354		2.430		−2.215		1.084		−0.419		1.005		−0.103	

Welt-Zeit		809) β Cephei				810) ν Octantis				811) 74 Cygni				815) ε Pegasi			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927		$21^h 27^m$		+70° 14'		$21^h 33^m$		−77° 42'		$21^h 33^m$		+40° 4'		$21^h 40^m$		+9° 32'	
Jan. 1	15^h	$40^s.53$	38	32″.32	260	$18^s.11$	35	75″.50	277	$59^s.271$	99	69″.29	233	$34^s.100$	38	18″.69	134
11	14	40.15	29	29.72	296	17.76	18	72.73	308	59.172	60	66.96	256	34.062	11	17.35	137
21	13	39.86	18	26.76	321	17.58	1	69.65	330	59.112	19	64.40	269	34.051	19	15.98	135
31	13	39.68	6	23.55	333	17.57	15	66.35	342	59.093	25	61.71	271	34.070	49	14.63	127
Feb. 10	12	39.62	5	20.22	333	17.72	32	62.93	346	59.118	70	59.00	263	34.119	81	13.36	113
20	11	39.67	17	16.89	320	18.04	48	59.47	342	59.188	117	56.37	244	34.200	113	12.23	92
März 2	11	39.84	29	13.69	294	18.52	62	56.05	330	59.305	162	53.93	215	34.313	145	11.31	66
12	10	40.13	39	10.75	256	19.14	75	52.75	311	59.467	206	51.78	176	34.458	177	10.65	36
22	9	40.52	48	8.19	209	19.89	88	49.64	286	59.673	247	50.02	131	34.635	208	10.29	3
Apr. 1	9	41.00	57	6.10	155	20.77	98	46.78	254	59.920	284	48.71	80	34.843	237	10.26	32
11	8	41.57	62	4.55	96	21.75	106	44.24	217	60.204	314	47.91	27	35.080	262	10.58	68
21	8	42.19	66	3.59	33	22.81	113	42.07	177	60.518	337	47.64	28	35.342	283	11.26	102
Mai 1	7	42.85	67	3.26	29	23.94	118	40.30	132	60.855	352	47.92	82	35.625	299	12.28	133
11	6	43.52	68	3.55	90	25.12	120	38.98	83	61.207	359	48.74	133	35.924	308	13.61	161
21	6	44.20	65	4.45	148	26.32	119	38.15	33	61.566	355	50.07	179	36.232	310	15.22	183
31	5	44.85	62	5.93	201	27.51	116	37.82	17	61.921	342	51.86	220	36.542	304	17.05	200
Juni 10	4	45.47	55	7.94	247	28.67	110	37.99	66	62.263	320	54.06	254	36.846	290	19.05	211
20	4	46.02	48	10.41	287	29.77	101	38.65	115	62.583	290	56.60	281	37.136	270	21.16	217
30	3	46.50	39	13.28	319	30.78	91	39.80	159	62.873	253	59.41	301	37.406	241	23.33	217
Juli 10	2	46.89	29	16.47	343	31.69	77	41.39	200	63.126	208	62.42	313	37.647	208	25.50	211
20	2	47.18	19	19.90	358	32.46	61	43.39	235	63.334	160	65.55	317	37.855	170	27.61	200
30	1	47.37	8	23.48	366	33.07	44	45.74	261	63.494	107	68.72	315	38.025	127	29.61	186
Aug. 9	0	47.45	3	27.14	365	33.51	25	48.35	279	63.601	55	71.87	306	38.152	84	31.47	168
19	0	47.42	13	30.79	356	33.76	6	51.14	288	63.656	2	74.93	290	38.236	39	33.15	148
28	23	47.29	23	34.35	341	33.82	13	54.02	286	63.658	48	77.83	268	38.275	3	34.63	125
Sept. 7	22	47.06	33	37.76	317	33.69	32	56.88	274	63.610	94	80.51	242	38.272	42	35.88	101
17	22	46.73	42	40.93	287	33.37	48	59.62	252	63.516	134	82.93	210	38.230	75	36.89	77
27	21	46.31	48	43.80	251	32.89	63	62.14	218	63.382	168	85.03	174	38.155	103	37.66	52
Okt. 7	20	45.83	54	46.31	207	32.26	75	64.32	177	63.214	193	86.77	135	38.052	124	38.18	28
17	20	45.29	59	48.38	160	31.51	84	66.09	127	63.021	211	88.12	93	37.928	137	38.46	4
27	19	44.70	62	49.98	107	30.67	88	67.36	72	62.810	219	89.05	48	37.791	143	38.50	19
Nov. 6	18	44.08	63	51.05	51	29.79	89	68.08	13	62.591	220	89.53	1	37.648	141	38.31	41
16	18	43.45	63	51.56	8	28.90	86	68.21	47	62.371	213	89.54	46	37.507	133	37.90	63
26	17	42.82	60	51.48	68	28.04	80	67.74	106	62.158	198	89.08	92	37.374	118	37.27	83
Dez. 6	16	42.22	57	50.80	126	27.24	70	66.68	162	61.960	177	88.16	137	37.256	100	36.44	100
16	16	41.65	51	49.54	181	26.54	58	65.06	212	61.783	150	86.79	178	37.156	78	35.44	115
26	15	41.14	43	47.73	231	25.96	44	62.94	256	61.633	119	85.01	213	37.078	52	34.29	127
36	14	40.71		45.42		25.52		60.38		61.514		82.88		37.026		33.02	
Mittl. Ort		43.53		24.08		25.32		56.95		61.277		65.66		36.027		22.24	
sec δ, tg δ		2.958		+2.784		4.700		−4.593		1.307		+0.842		1.014		+0.168	

Welt-Zeit		819) δ Capricorni AR.		819) Dekl.		821) π² Cygni AR.		821) Dekl.		822) γ Gruis AR.		822) Dekl.		823) 16 Pegasi AR.		823) Dekl.	
1927	h	21ʰ 42ᵐ		−16° 27′		21ʰ 44ᵐ		+48° 57′		21ʰ 49ᵐ		−37° 42′		21ʰ 49ᵐ		+25° 34′	
Jan. 1	15	58.739	28	43.87	12	3.617	150	81.72	238	28.388	48	47.71	95	42.486	71	52.14	185
11	14	58.711	2	43.99	0	3.467	106	79.34	267	28.340	11	46.76	119	42.415	41	50.29	201
21	14	58.713	33	43.99	14	3.361	58	76.67	287	28.329	26	45.57	141	42.374	9	48.28	208
31	13	58.746	63	43.85	30	3.303	5	73.80	295	28.355	65	44.16	161	42.365	26	46.20	207
Feb. 10	12	58.809	94	43.55	46	3.298	49	70.85	292	28.420	103	42.55	177	42.391	62	44.13	197
20	12	58.903	126	43.09	64	3.347	106	67.93	276	28.523	142	40.78	191	42.453	99	42.16	179
März 2	11	59.029	157	42.45	82	3.453	161	65.17	249	28.665	179	38.87	200	42.552	136	40.37	152
12	10	59.186	189	41.63	101	3.614	215	62.68	213	28.844	217	36.87	207	42.688	174	38.85	118
22	10	59.375	219	40.62	118	3.829	264	60.55	168	29.061	252	34.80	210	42.862	209	37.67	78
Apr. 1	9	59.594	247	39.44	134	4.093	309	58.87	117	29.313	286	32.70	209	43.071	243	36.89	35
11	8	59.841	273	38.10	147	4.402	346	57.70	61	29.599	317	30.61	204	43.314	271	36.54	11
21	8	60.114	295	36.63	158	4.748	374	57.09	3	29.916	343	28.57	194	43.585	295	36.65	57
Mai 1	7	60.409	311	35.05	164	5.122	393	57.06	55	30.259	363	26.63	180	43.880	313	37.22	101
11	7	60.720	323	33.41	166	5.515	400	57.61	110	30.622	377	24.83	162	44.193	322	38.23	142
21	6	61.043	326	31.75	163	5.915	397	58.71	162	30.999	383	23.21	138	44.515	325	39.65	179
31	5	61.369	322	30.12	155	6.312	383	60.33	209	31.382	379	21.83	112	44.840	318	41.44	209
Juni 10	5	61.691	311	28.57	144	6.695	359	62.42	249	31.761	368	20.71	82	45.158	304	43.53	235
20	4	62.002	291	27.13	128	7.054	325	64.91	282	32.129	346	19.89	50	45.462	281	45.88	254
30	3	62.293	264	25.85	109	7.379	283	67.73	308	32.475	316	19.39	17	45.743	251	48.42	266
Juli 10	3	62.557	230	24.76	88	7.662	233	70.81	326	32.791	279	19.22	16	45.994	216	51.08	271
20	2	62.787	192	23.88	64	7.895	179	74.07	337	33.070	233	19.38	48	46.210	174	53.79	270
30	1	62.979	148	23.24	41	8.074	120	77.44	339	33.303	182	19.86	77	46.384	130	56.49	263
Aug. 9	1	63.127	102	22.83	17	8.194	60	80.83	334	33.485	128	20.63	103	46.514	84	59.12	250
19	0	63.229	56	22.66	5	8.254	1	84.17	323	33.613	73	21.66	125	46.598	38	61.62	233
28	23	63.285	11	22.71	24	8.255	56	87.40	304	33.686	18	22.91	140	46.636	7	63.95	211
Sept. 7	23	63.296	31	22.95	41	8.199	109	90.44	279	33.704	34	24.31	149	46.629	49	66.06	186
17	22	63.265	67	23.36	54	8.090	156	93.23	249	33.670	80	25.80	152	46.580	85	67.92	158
27	21	63.198	98	23.90	64	7.934	196	95.72	213	33.590	119	27.32	148	46.495	115	69.50	127
Okt. 7	21	63.100	121	24.54	69	7.738	227	97.85	173	33.471	150	28.80	136	46.380	139	70.77	95
17	20	62.979	135	25.23	71	7.511	251	99.58	129	33.321	171	30.16	120	46.241	155	71.72	60
27	19	62.844	141	25.94	69	7.260	265	100.87	80	33.150	180	31.36	97	46.086	163	72.32	25
Nov. 6	19	62.703	139	26.63	65	6.995	270	101.67	30	32.970	181	32.33	70	45.923	165	72.57	12
16	18	62.564	130	27.28	58	6.725	266	101.97	22	32.789	171	33.03	41	45.758	160	72.45	47
26	17	62.434	114	27.86	50	6.459	254	101.75	74	32.618	154	33.44	11	45.598	147	71.98	82
Dez. 6	17	62.320	93	28.36	40	6.205	233	101.01	124	32.464	130	33.55	21	45.451	131	71.16	116
16	16	62.227	69	28.76	30	5.972	206	99.77	172	32.334	100	33.34	51	45.320	110	70.00	145
26	15	62.158	42	29.06	19	5.766	172	98.05	214	32.234	66	32.83	79	45.210	85	68.55	171
36	15	62.116		29.25		5.594		95.91		32.168		32.04		45.125		66.84	
Mittl. Ort		60.837		33.68		5.678		76.11		30.812		32.54		44.359		51.64	
sec δ, tg δ		1.043		−0.295		1.523		+1.149		1.264		−0.773		1.109		+0.479	

Welt-Zeit		827) α Aquarii AR.		827) α Aquarii Dekl.		828) ι Aquarii AR.		828) ι Aquarii Dekl.		830) 20 Cephei AR.		830) 20 Cephei Dekl.		829) α Gruis AR.		829) α Gruis Dekl.	
1927		22h 2m		−0° 40′		22h 2m		−14° 13′		22h 2m		+62° 25′		22h 3m		−47° 18′	
Jan. 1	15h	0.228s	45	37.26″	84	27.826s	43	38.51″	23	45.03s	29	53.15″	225	35.815s	84	73.67″	134
11	15	0.183	21	38.10	80	27.783	17	38.74	10	44.74	23	50.90	265	35.731	43	72.33	165
21	14	0.162	7	38.90	74	27.766	12	38.84	4	44.51	17	48.25	294	35.688	1	70.68	192
31	13	0.169	35	39.64	63	27.778	42	38.80	19	44.34	9	45.31	312	35.689	46	68.76	214
Feb. 10	13	0.204	64	40.27	47	27.820	71	38.61	37	44.25	1	42.19	318	35.735	92	66.62	232
20	12	0.268	96	40.74	28	27.891	103	38.24	56	44.24	8	39.01	311	35.827	137	64.30	244
März 2	11	0.364	128	41.02	5	27.994	135	37.68	76	44.32	16	35.90	292	35.964	182	61.86	252
12	11	0.492	160	41.07	21	28.129	167	36.92	95	44.48	24	32.98	261	36.146	227	59.34	255
22	10	0.652	191	40.86	48	28.296	199	35.97	115	44.72	32	30.37	219	36.373	269	56.79	253
Apr. 1	9	0.843	222	40.38	76	28.495	230	34.82	133	45.04	38	28.18	171	36.642	310	54.26	246
11	9	1.065	250	39.62	102	28.725	258	33.49	149	45.42	44	26.47	115	36.952	347	51.80	234
21	8	1.315	274	38.60	128	28.983	283	32.00	163	45.86	49	25.32	56	37.299	379	49.46	217
Mai 1	7	1.589	293	37.32	150	29.266	302	30.37	171	46.35	51	24.76	5	37.678	404	47.29	195
11	7	1.882	306	35.82	168	29.568	316	28.66	176	46.86	53	24.81	64	38.082	423	45.34	168
21	6	2.188	312	34.14	181	29.884	323	26.90	175	47.39	52	25.45	123	38.505	432	43.66	137
31	5	2.500	310	32.33	189	30.207	322	25.15	170	47.91	51	26.68	176	38.937	432	42.29	103
Juni 10	5	2.810	301	30.44	192	30.529	314	23.45	161	48.42	47	28.44	224	39.369	421	41.26	66
20	4	3.111	284	28.52	189	30.843	296	21.84	147	48.89	43	30.68	266	39.790	399	40.60	26
30	4	3.395	260	26.63	182	31.139	273	20.37	128	49.32	38	33.34	301	40.189	368	40.34	12
Juli 10	3	3.655	229	24.81	170	31.412	242	19.09	108	49.70	32	36.35	328	40.557	328	40.46	51
20	2	3.884	193	23.11	155	31.654	205	18.01	84	50.02	24	39.63	348	40.885	278	40.97	88
30	2	4.077	153	21.56	136	31.859	163	17.17	61	50.26	16	43.11	359	41.163	222	41.85	121
Aug. 9	1	4.230	110	20.20	115	32.022	119	16.56	36	50.42	9	46.70	363	41.385	161	43.06	150
19	0	4.340	66	19.05	93	32.141	74	16.20	12	50.51	0	50.33	359	41.546	98	44.56	172
29	0	4.406	24	18.12	71	32.215	29	16.08	9	50.51	7	53.92	347	41.644	34	46.28	188
Sept. 7	23	4.430	16	17.41	49	32.244	13	16.17	28	50.44	15	57.39	328	41.678	27	48.16	196
17	22	4.414	52	16.92	28	32.231	51	16.45	44	50.29	21	60.67	302	41.651	83	50.12	195
27	22	4.362	82	16.64	9	32.180	82	16.89	56	50.08	27	63.69	270	41.568	131	52.07	187
Okt. 7	21	4.280	104	16.55	10	32.098	106	17.45	65	49.81	33	66.39	231	41.437	171	53.94	170
17	20	4.176	121	16.65	25	31.992	124	18.10	69	49.48	36	68.70	187	41.266	199	55.64	147
27	20	4.055	129	16.90	39	31.868	133	18.79	70	49.12	39	70.57	138	41.067	215	57.11	116
Nov. 6	19	3.926	131	17.29	51	31.735	134	19.49	68	48.73	41	71.95	85	40.852	221	58.27	81
16	18	3.795	125	17.80	61	31.601	129	20.17	64	48.32	42	72.80	28	40.631	215	59.08	42
26	18	3.670	115	18.41	70	31.472	116	20.81	57	47.90	41	73.08	30	40.416	198	59.50	2
Dez. 6	17	3.555	99	19.11	77	31.356	100	21.38	49	47.49	39	72.78	87	40.218	174	59.52	38
16	16	3.456	80	19.88	80	31.256	79	21.87	40	47.10	37	71.91	143	40.044	143	59.14	78
26	16	3.376	57	20.68	82	31.177	56	22.27	28	46.73	32	70.48	195	39.901	106	58.36	115
36	15	3.319		21.50		31.121		22.55		46.41		68.53		39.795		57.21	
Mittl. Ort		2.107		30.61		29.803		28.17		47.31		44.72		38.416		55.91	
sec δ, tg δ		1.000		−0.012		1.032		−0.254		2.161		+1.915		1.475		−1.084	

Welt-Zeit		834) ϑ Pegasi				835) π Pegasi			
		AR.		Dekl.		AR.		Dekl.	
1927	h	22h 6m s		+5° 50′ ″		22h 6m s		+32° 48′ ″	
Jan. 1	15	29.225	54	12.12	109	42.778	101	72.39	192
11	15	29.171	28	11.03	110	42.677	72	70.47	214
21	14	29.143	2	9.93	108	42.605	38	68.33	228
31	13	29.141	27	8.85	99	42.567	2	66.05	232
Feb. 10	13	29.168	57	7.86	86	42.565	37	63.73	227
20	12	29.225	89	7.00	66	42.602	78	61.46	212
März 2	12	29.314	121	6.34	43	42.680	120	59.34	188
12	11	29.435	155	5.91	15	42.800	162	57.46	156
22	10	29.590	187	5.76	15	42.962	202	55.90	116
Apr. 1	10	29.777	218	5.91	47	43.164	241	54.74	72
11	9	29.995	248	6.38	79	43.405	274	54.02	24
21	8	30.243	272	7.17	109	43.679	302	53.78	26
Mai 1	8	30.515	292	8.26	138	43.981	324	54.04	74
11	7	30.807	305	9.64	162	44.305	336	54.78	121
21	6	31.112	311	11.26	181	44.641	341	55.99	163
31	6	31.423	311	13.07	196	44.982	337	57.62	201
Juni 10	5	31.734	301	15.03	204	45.319	323	59.63	233
20	4	32.035	284	17.07	209	45.642	302	61.96	258
30	4	32.319	261	19.16	206	45.944	272	64.54	277
Juli 10	3	32.580	229	21.22	199	46.216	235	67.31	288
20	2	32.809	194	23.21	187	46.451	194	70.19	293
30	2	33.003	154	25.08	171	46.645	148	73.12	291
Aug. 9	1	33.157	111	26.79	153	46.793	99	76.03	283
19	0	33.268	68	28.32	132	46.892	52	78.86	270
29	0	33.336	25	29.64	110	46.944	5	81.56	249
Sept. 7	23	33.361	14	30.74	87	46.949	40	84.05	227
17	22	33.347	50	31.61	63	46.909	79	86.32	199
27	22	33.297	80	32.24	41	46.830	114	88.31	168
Okt. 7	21	33.217	103	32.65	19	46.716	140	89.99	134
17	20	33.114	120	32.84	2	46.576	161	91.33	98
27	20	32.994	129	32.82	21	46.415	173	92.31	58
Nov. 6	19	32.865	131	32.61	39	46.242	179	92.89	18
16	18	32.734	127	32.22	57	46.063	177	93.07	24
26	18	32.607	118	31.65	72	45.886	170	92.83	64
Dez. 6	17	32.489	104	30.93	86	45.716	157	92.19	104
16	16	32.385	85	30.07	96	45.559	138	91.15	141
26	16	32.300	65	29.11	104	45.421	115	89.74	173
36	15	32.235		28.07		45.306		88.01	
Mittl. Ort		31.052		17.02		44.595		69.95	
sec δ, tg δ		1.005		+0.102		1.190		+0.645	

Welt-Zeit		836) ζ Cephei				837) 24 Cephei			
		AR.		Dekl.		AR.		Dekl.	
1927	h	22h 8m s		+57° 50′ ″		22h 8m s		+71° 58′ ″	
Jan. 1	15	17.028	243	35.21	219	21.70	51	62.83	212
11	15	16.785	194	33.02	257	21.19	42	60.71	258
21	14	16.591	137	30.45	286	20.77	31	58.13	292
31	13	16.454	74	27.59	303	20.46	20	55.21	315
Feb. 10	13	16.380	5	24.56	308	20.26	7	52.06	327
20	12	16.375	66	21.48	301	20.19	5	48.79	325
März 2	12	16.441	139	18.47	282	20.24	19	45.54	310
12	11	16.580	209	15.65	251	20.43	31	42.44	282
22	10	16.789	276	13.14	211	20.74	43	39.62	245
Apr. 1	10	17.065	336	11.03	162	21.17	53	37.17	198
11	9	17.401	387	9.41	108	21.70	62	35.19	144
21	8	17.788	427	8.33	50	22.32	67	33.75	84
Mai 1	8	18.215	456	7.83	9	22.99	71	32.91	24
11	7	18.671	470	7.92	68	23.70	74	32.67	37
21	6	19.141	472	8.60	124	24.44	74	33.04	97
31	6	19.613	460	9.84	177	25.18	71	34.01	153
Juni 10	5	20.073	436	11.61	224	25.89	66	35.54	206
20	4	20.509	399	13.85	265	26.55	60	37.60	250
30	4	20.908	352	16.50	298	27.15	53	40.10	290
Juli 10	3	21.260	296	19.48	324	27.68	43	43.00	322
20	2	21.556	234	22.72	342	28.11	32	46.22	346
30	2	21.790	167	26.14	353	28.43	21	49.68	363
Aug. 9	1	21.957	97	29.67	356	28.64	10	53.31	370
19	0	22.054	26	33.23	351	28.74	1	57.01	371
29	0	22.080	42	36.74	339	28.73	13	60.72	363
Sept. 7	23	22.038	107	40.13	320	28.60	24	64.35	349
17	22	21.931	166	43.33	294	28.36	33	67.84	326
27	22	21.765	219	46.27	262	28.03	42	71.10	296
Okt. 7	21	21.546	263	48.89	224	27.61	51	74.06	260
17	20	21.283	299	51.13	180	27.10	57	76.66	217
27	20	20.984	324	52.93	133	26.53	62	78.83	168
Nov. 6	19	20.660	340	54.26	81	25.91	65	80.51	114
16	18	20.320	345	55.07	25	25.26	67	81.65	57
26	18	19.975	341	55.32	30	24.59	67	82.22	3
Dez. 6	17	19.634	326	55.02	86	23.92	65	82.19	64
16	16	19.308	302	54.16	140	23.27	61	81.55	123
26	16	19.006	267	52.76	189	22.66	55	80.32	179
36	15	18.739		50.87		22.11		78.53	
Mittl. Ort		19.124		27.37		24.47		52.97	
sec δ, tg δ		1.879		+1.591		3.233		+3.074	

Welt-Zeit		840) ϑ Aquarii				841) α Tucanae				842) γ Aquarii				844) 3 Lacertae			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927		$22^h\ 12^m$		−8° 8′		$22^h\ 13^m$		−60° 37′		$22^h\ 17^m$		−1° 45′		$22^h\ 20^m$		+51° 51′	
		s		″		s		″		s		″		s		″	
Jan. 1	16^h	57.110	51	59.65	50	27.76	16	47.80	187	51.372	56	28.31	77	39.249	202	53.01	205
11	15	57.059	26	60.15	42	27.60	11	45.93	223	51.316	32	29.08	72	39.047	163	50.96	241
21	14	57.033	0	60.57	30	27.49	5	43.70	254	51.284	7	29.80	64	38.884	118	48.55	268
31	14	57.033	28	60.87	15	27.44	2	41.16	279	51.277	20	30.44	53	38.766	67	45.87	285
Feb. 10	13	57.061	57	61.02	1	27.46	9	38.37	295	51.297	49	30.97	37	38.699	10	43.02	291
20	12	57.118	89	61.01	20	27.55	15	35.42	307	51.346	80	31.34	19	38.689	50	40.11	284
März 2	12	57.207	121	60.81	42	27.70	21	32.35	310	51.426	113	31.53	4	38.739	111	37.27	267
12	11	57.328	153	60.39	64	27.91	28	29.25	308	51.539	145	31.49	29	38.850	172	34.60	237
22	10	57.481	185	59.75	88	28.19	33	26.17	298	51.684	179	31.20	56	39.022	231	32.23	199
Apr. 1	10	57.666	217	58.87	110	28.52	39	23.19	283	51.863	211	30.64	82	39.253	285	30.24	153
11	9	57.883	246	57.77	132	28.91	44	20.36	263	52.074	240	29.82	108	39.538	333	28.71	101
21	8	58.129	272	56.45	150	29.35	49	17.73	236	52.314	267	28.74	132	39.871	372	27.70	45
Mai 1	8	58.401	293	54.95	165	29.84	52	15.37	203	52.581	288	27.42	154	40.243	400	27.25	11
11	7	58.694	309	53.30	176	30.36	55	13.34	167	52.869	303	25.88	171	40.643	418	27.36	68
21	6	59.003	316	51.54	182	30.91	56	11.67	127	53.172	312	24.17	183	41.061	425	28.04	123
31	6	59.319	317	49.72	184	31.47	56	10.40	83	53.484	314	22.34	191	41.486	419	29.27	172
Juni 10	5	59.636	310	47.88	179	32.03	55	9.57	38	53.798	307	20.43	193	41.905	401	30.99	217
20	4	59.946	295	46.09	170	32.58	52	9.19	9	54.105	292	18.50	189	42.306	373	33.16	257
30	4	60.241	272	44.39	157	33.10	49	9.28	55	54.397	270	16.61	182	42.679	335	35.73	288
Juli 10	3	60.513	243	42.82	140	33.59	43	9.83	99	54.667	241	14.79	169	43.014	289	38.61	314
20	2	60.756	207	41.42	120	34.02	37	10.82	139	54.908	207	13.10	153	43.303	236	41.75	331
30	2	60.963	167	40.22	98	34.39	30	12.21	176	55.115	167	11.57	134	43.539	178	45.06	340
Aug. 9	1	61.130	125	39.24	74	34.69	22	13.97	206	55.282	126	10.23	113	43.717	118	48.46	343
19	0	61.255	81	38.50	51	34.91	13	16.03	229	55.408	82	9.10	90	43.835	57	51.89	338
29	0	61.336	37	37.99	28	35.04	5	18.32	243	55.490	40	8.20	67	43.892	4	55.27	326
Sept. 7	23	61.373	3	37.71	7	35.09	4	20.75	247	55.530	0	7.53	44	43.888	61	58.53	308
17	22	61.370	41	37.64	12	35.05	12	23.22	242	55.530	37	7.09	24	43.827	114	61.61	283
27	22	61.329	72	37.76	28	34.93	19	25.64	228	55.493	68	6.85	4	43.713	161	64.44	252
Okt. 7	21	61.257	97	38.04	41	34.74	24	27.92	203	55.425	93	6.81	13	43.552	200	66.96	216
17	20	61.160	114	38.45	51	34.50	29	29.95	170	55.332	111	6.94	28	43.352	233	69.12	174
27	20	61.046	125	38.96	58	34.21	32	31.65	130	55.221	122	7.22	41	43.119	255	70.86	129
Nov. 6	19	60.921	128	39.54	62	33.89	33	32.95	84	55.099	126	7.63	52	42.864	271	72.15	80
16	19	60.793	125	40.16	65	33.56	33	33.79	35	54.973	123	8.15	61	42.593	278	72.95	28
26	18	60.668	115	40.81	65	33.23	32	34.14	17	54.850	115	8.76	68	42.315	275	73.23	25
Dez. 6	17	60.553	101	41.46	62	32.91	28	33.97	68	54.735	103	9.44	73	42.040	265	72.98	78
16	17	60.452	83	42.08	59	32.63	25	33.29	117	54.632	86	10.17	75	41.775	248	72.20	129
26	16	60.369	62	42.67	53	32.38	20	32.12	162	54.546	66	10.92	76	41.527	219	70.91	176
36	15	60.307		43.20		32.18		30.50		54.480		11.68		41.308		69.15	
Mittl. Ort		58.982		50.65		30.93		27.46		53.181		21.04		41.153		46.00	
sec δ, tg δ		1.010		−0.143		2.039		−1.776		1.000		−0.031		1.619		+1.274	

Welt-Zeit		848) 7 Lacertae				850) η Aquarii			
		AR.		Dekl.		AR.		Dekl.	
1927	h	22h 28m		+49° 54′		22h 31m		−0° 29′	
		s		″		s		″	
Jan. 1	16	14.995	194	30.91	195	34.609	66	46.71	79
11	15	14.801	158	28.96	231	34.543	44	47.50	76
21	14	14.643	117	26.65	259	34.499	20	48.26	68
31	14	14.526	69	24.06	276	34.479	6	48.94	57
Feb. 10	13	14.457	16	21.30	282	34.485	35	49.51	43
20	12	14.441	40	18.48	277	34.520	66	49.94	24
März 2	12	14.481	99	15.71	260	34.586	98	50.18	2
12	11	14.580	158	13.11	232	34.684	132	50.20	23
22	10	14.738	215	10.79	195	34.816	166	49.97	50
Apr. 1	10	14.953	269	8.84	151	34.982	199	49.47	77
11	9	15.222	316	7.33	100	35.181	231	48.70	104
21	9	15.538	355	6.33	45	35.412	259	47.66	129
Mai 1	8	15.893	385	5.88	10	35.671	282	46.37	152
11	7	16.278	404	5.98	66	35.953	300	44.85	171
21	7	16.682	413	6.64	119	36.253	311	43.14	184
31	6	17.095	409	7.83	168	36.564	314	41.30	193
Juni 10	5	17.504	395	9.51	213	36.878	310	39.37	197
20	5	17.899	370	11.64	252	37.188	297	37.40	195
30	4	18.269	335	14.16	284	37.485	276	35.45	189
Juli 10	3	18.604	292	17.00	308	37.761	250	33.56	177
20	3	18.896	242	20.08	326	38.011	216	31.79	162
30	2	19.138	188	23.34	336	38.227	179	30.17	143
Aug. 9	1	19.326	129	26.70	338	38.406	138	28.74	122
19	1	19.455	71	30.08	334	38.544	95	27.52	100
29	0	19.526	13	33.42	323	38.639	53	26.52	76
Sept. 7	23	19.539	43	36.65	305	38.692	12	25.76	54
17	23	19.496	94	39.70	280	38.704	25	25.22	32
27	22	19.402	140	42.50	251	38.679	56	24.90	11
Okt. 7	21	19.262	178	45.01	216	38.623	83	24.79	7
17	21	19.084	211	47.17	176	38.540	102	24.86	23
27	20	18.873	234	48.93	132	38.438	115	25.09	38
Nov. 6	19	18.639	249	50.25	84	38.323	122	25.47	49
16	19	18.390	258	51.09	33	38.201	121	25.96	59
26	18	18.132	257	51.42	19	38.080	116	26.55	67
Dez. 6	17	17.875	249	51.23	70	37.964	105	27.22	73
16	17	17.626	233	50.53	120	37.859	92	27.95	77
26	16	17.393	209	49.33	167	37.767	74	28.72	77
36	15	17.184		47.66		37.693		29.49	
Mittl. Ort		16.828		24.15		36.342		39.55	
sec δ, tg δ		1.553		+1.188		1.000		−0.009	

Welt-Zeit		852) 10 Lacertae				855) ζ Pegasi			
		AR.		Dekl.		AR.		Dekl.	
1927	h	22h 35m		+38° 39′		22h 37m		+10° 26′	
		s		″		s		″	
Jan. 1	16	57.262	141	75.72	177	47.567	78	55.27	114
11	15	57.121	114	73.95	206	47.489	57	54.13	120
21	14	57.007	82	71.89	228	47.432	33	52.93	121
31	14	56.925	46	69.61	240	47.399	7	51.72	116
Feb. 10	13	56.879	4	67.21	241	47.392	23	50.56	105
20	12	56.875	39	64.80	234	47.415	54	49.51	89
März 2	12	56.914	86	62.46	216	47.469	88	48.62	67
12	11	57.000	134	60.30	189	47.557	124	47.95	40
22	10	57.134	182	58.41	152	47.681	160	47.55	10
Apr. 1	10	57.316	226	56.89	111	47.841	195	47.45	23
11	9	57.542	267	55.78	63	48.036	228	47.68	57
21	9	57.809	302	55.15	14	48.264	257	48.25	90
Mai 1	8	58.111	330	55.01	37	48.521	281	49.15	122
11	7	58.441	350	55.38	86	48.802	300	50.37	150
21	7	58.791	360	56.24	134	49.102	312	51.87	175
31	6	59.151	360	57.58	177	49.414	315	53.62	195
Juni 10	5	59.511	352	59.35	214	49.729	311	55.57	209
20	5	59.863	333	61.49	246	50.040	298	57.66	218
30	4	60.196	306	63.95	272	50.338	277	59.84	221
Juli 10	3	60.502	271	66.67	291	50.615	251	62.05	218
20	3	60.773	230	69.58	302	50.866	218	64.23	210
30	2	61.003	184	72.60	307	51.084	179	66.33	198
Aug. 9	1	61.187	136	75.67	305	51.263	139	68.31	182
19	1	61.323	86	78.72	297	51.402	97	70.13	163
29	0	61.409	36	81.69	282	51.499	54	71.76	142
Sept. 7	23	61.445	11	84.51	264	51.553	14	73.18	118
17	23	61.434	55	87.15	239	51.567	23	74.36	95
27	22	61.379	94	89.54	210	51.544	55	75.31	71
Okt. 7	21	61.285	126	91.64	177	51.489	82	76.02	47
17	21	61.159	153	93.41	141	51.407	102	76.49	23
27	20	61.006	172	94.82	101	51.305	116	76.72	0
Nov. 6	19	60.834	184	95.83	59	51.189	123	76.72	21
16	19	60.650	190	96.42	15	51.066	126	76.51	42
26	18	60.460	189	96.57	29	50.940	122	76.09	61
Dez. 6	17	60.271	183	96.28	73	50.818	113	75.48	79
16	17	60.088	170	95.55	116	50.705	102	74.69	94
26	16	59.918	152	94.39	153	50.603	86	73.75	106
36	15	59.766		92.86		50.517		72.69	
Mittl. Ort		58.961		71.49		49.231		59.15	
sec δ, tg δ		1.281		+0.800		1.017		+0.184	

Welt-Zeit		856) β Gruis AR.		Dekl.		857) η Pegasi AR.		Dekl.	
1927		22ʰ 38ᵐ		−47° 15′		22ʰ 39ᵐ		+29° 50′	
Jan. 1	16ʰ	16.586 ˢ	124	81.24 ″	114	33.011 ˢ	114	21.91 ″	160
11	15	16.462	87	80.10	150	32.897	91	20.31	183
21	15	16.375	49	78.60	182	32.806	63	18.48	198
31	14	16.326	7	76.78	211	32.743	32	16.50	206
Feb. 10	13	16.319	36	74.67	233	32.711	3	14.44	204
20	13	16.355	82	72.34	252	32.714	42	12.40	193
März 2	12	16.437	128	69.82	265	32.756	83	10.47	174
12	11	16.565	174	67.17	274	32.839	125	8.73	147
22	11	16.739	221	64.43	276	32.964	167	7.26	113
Apr. 1	10	16.960	265	61.67	273	33.131	207	6.13	72
11	9	17.225	308	58.94	264	33.338	246	5.41	29
21	9	17.533	347	56.30	251	33.584	278	5.12	16
Mai 1	8	17.880	380	53.79	231	33.862	305	5.28	62
11	7	18.260	405	51.48	206	34.167	325	5.90	106
21	7	18.665	422	49.42	176	34.492	335	6.96	147
31	6	19.087	430	47.66	142	34.827	338	8.43	183
Juni 10	5	19.517	428	46.24	104	35.165	331	10.26	215
20	5	19.945	415	45.20	64	35.496	316	12.41	241
30	4	20.360	390	44.56	22	35.812	292	14.82	259
Juli 10	3	20.750	356	44.34	20	36.104	262	17.41	272
20	3	21.106	313	44.54	62	36.366	224	20.13	278
30	2	21.419	262	45.16	99	36.590	183	22.91	278
Aug. 9	1	21.681	205	46.15	134	36.773	139	25.69	272
19	1	21.886	144	47.49	164	36.912	92	28.41	261
29	0	22.030	81	49.13	185	37.004	47	31.02	244
Sept. 8	0	22.111	19	50.98	200	37.051	3	33.46	223
17	23	22.130	39	52.98	207	37.054	37	35.69	199
27	22	22.091	92	55.05	205	37.017	73	37.68	171
Okt. 7	22	21.999	136	57.10	193	36.944	103	39.39	140
17	21	21.863	171	59.03	174	36.841	126	40.79	107
27	20	21.692	196	60.77	147	36.715	143	41.86	72
Nov. 6	20	21.496	210	62.24	114	36.572	154	42.58	35
16	19	21.286	213	63.38	77	36.418	159	42.93	2
26	18	21.073	207	64.15	35	36.259	157	42.91	39
Dez. 6	18	20.866	192	64.50	8	36.102	150	42.52	76
16	17	20.674	169	64.42	50	35.952	139	41.76	111
26	16	20.505	140	63.92	91	35.813	123	40.65	142
36	16	20.365		63.01		35.690		39.23	
Mittl. Ort		18.876		61.57		34.661		20.03	
sec δ, tg δ		1.474		−1.083		1.153		+0.574	

Welt-Zeit		859) λ Pegasi AR.		Dekl.		860) ε Gruis AR.		Dekl.	
1927		22ʰ 42ᵐ		+23° 10′		22ʰ 44ᵐ		−51° 41′	
Jan. 1	16ʰ	59.143 ˢ	99	51.67 ″	145	6.804 ˢ	150	85.42 ″	127
11	15	59.044	79	50.22	162	6.654	111	84.15	167
21	15	58.965	54	48.60	172	6.543	69	82.48	201
31	14	58.911	25	46.88	176	6.474	23	80.47	231
Feb. 10	13	58.886	7	45.12	171	6.451	25	78.16	255
20	13	58.893	42	43.41	160	6.476	74	75.61	274
März 2	12	58.935	80	41.81	139	6.550	125	72.87	287
12	11	59.015	120	40.42	112	6.675	177	70.00	293
22	11	59.135	159	39.30	79	6.852	227	67.07	294
Apr. 1	10	59.294	197	38.51	42	7.079	277	64.13	289
11	9	59.491	234	38.09	1	7.356	324	61.24	279
21	9	59.725	265	38.08	41	7.680	366	58.45	262
Mai 1	8	59.990	292	38.49	81	8.046	403	55.83	239
11	7	60.282	311	39.30	120	8.449	431	53.44	210
21	7	60.593	324	40.50	156	8.880	451	51.34	178
31	6	60.917	327	42.06	188	9.331	461	49.56	140
Juni 10	5	61.244	322	43.94	213	9.792	460	48.16	100
20	5	61.566	308	46.07	234	10.252	447	47.16	56
30	4	61.874	287	48.41	248	10.699	423	46.60	11
Juli 10	3	62.161	258	50.89	255	11.122	387	46.49	33
20	3	62.419	224	53.44	257	11.509	342	46.82	76
30	2	62.643	184	56.01	253	11.851	288	47.58	117
Aug. 9	1	62.827	142	58.54	243	12.139	227	48.75	152
19	1	62.969	98	60.97	230	12.366	161	50.27	182
29	0	63.067	54	63.27	212	12.527	93	52.09	205
Sept. 8	0	63.121	12	65.39	190	12.620	25	54.14	219
17	23	63.133	26	67.29	166	12.645	39	56.33	225
27	22	63.107	61	68.95	139	12.606	97	58.58	222
Okt. 7	22	63.046	89	70.34	110	12.509	148	60.80	209
17	21	62.957	111	71.44	81	12.361	188	62.89	187
27	20	62.846	128	72.25	49	12.173	218	64.76	157
Nov. 6	20	62.718	137	72.74	17	11.955	235	66.33	121
16	19	62.581	142	72.91	14	11.720	241	67.54	79
26	18	62.439	140	72.77	46	11.479	237	68.33	35
Dez. 6	18	62.299	134	72.31	77	11.242	222	68.68	12
16	17	62.165	123	71.54	104	11.020	199	68.56	59
26	16	62.042	108	70.50	130	10.821	168	67.97	103
36	16	61.934		69.20		10.653		66.94	
Mittl. Ort		60.769		51.70		9.174		64.66	
sec δ, tg δ		1.088		+0.428		1.614		−1.266	

Welt-Zeit		863) ι Cephei				864) λ Aquarii				865) ρ Indi				866) δ Aquarii			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927		22h 47m		+65° 48′		22h 48m		−7° 57′		22h 49m		−70° 27′		22h 50m		−16° 12′	
Jan. 1	16h	2.53s	39	68.26″	171	46.748s	74	76.37″	50	32.69s	37	74.71″	193	44.947s	77	46.31″	20
11	15	2.14	35	66.55	219	46.674	54	76.87	39	32.32	30	72.78	238	44.870	57	46.51	2
21	15	1.79	28	64.36	258	46.620	32	77.26	27	32.02	21	70.40	277	44.813	33	46.53	16
31	14	1.51	21	61.78	288	46.588	7	77.53	12	31.81	11	67.63	308	44.780	8	46.37	36
Feb. 10	13	1.30	12	58.90	306	46.581	21	77.65	6	31.70	2	64.55	331	44.772	21	46.01	56
20	13	1.18	3	55.84	312	46.602	50	77.59	25	31.68	7	61.24	347	44.793	52	45.45	76
März 2	12	1.15	7	52.72	305	46.652	83	77.34	47	31.75	17	57.77	354	44.845	84	44.69	98
12	11	1.22	17	49.67	285	46.735	117	76.87	70	31.92	27	54.23	353	44.929	119	43.71	119
22	11	1.39	26	46.82	254	46.852	153	76.17	93	32.19	36	50.70	345	45.048	154	42.52	139
Apr. 1	10	1.65	35	44.28	214	47.005	187	75.24	117	32.55	45	47.25	329	45.202	190	41.13	157
11	9	2.00	43	42.14	167	47.192	220	74.07	138	33.00	53	43.96	307	45.392	224	39.56	173
21	9	2.43	49	40.47	112	47.412	250	72.69	158	33.53	60	40.89	278	45.616	255	37.83	185
Mai 1	8	2.92	54	39.35	54	47.662	277	71.11	173	34.13	67	38.11	244	45.871	283	35.98	194
11	8	3.46	57	38.81	5	47.939	298	69.38	185	34.80	71	35.67	203	46.154	304	34.04	199
21	7	4.03	59	38.86	64	48.237	312	67.53	192	35.51	75	33.64	158	46.458	319	32.05	197
31	6	4.62	59	39.50	120	48.549	318	65.61	194	36.26	77	32.06	110	46.777	327	30.08	191
Juni 10	6	5.21	57	40.70	173	48.867	317	63.67	191	37.03	77	30.96	59	47.104	326	28.17	180
20	5	5.78	53	42.43	221	49.184	307	61.76	183	37.80	75	30.37	7	47.430	317	26.37	164
30	4	6.31	49	44.64	263	49.491	290	59.93	170	38.55	71	30.30	45	47.747	300	24.73	144
Juli 10	4	6.80	42	47.27	299	49.781	266	58.23	152	39.26	65	30.75	96	48.047	276	23.29	120
20	3	7.22	35	50.26	328	50.047	234	56.71	132	39.91	57	31.71	143	48.323	244	22.09	94
30	2	7.57	28	53.54	348	50.281	198	55.39	109	40.48	48	33.14	186	48.567	206	21.15	66
Aug. 9	2	7.85	19	57.02	361	50.479	157	54.30	84	40.96	38	35.00	223	48.773	166	20.49	39
19	1	8.04	11	60.63	367	50.636	115	53.46	59	41.34	27	37.23	252	48.939	122	20.10	11
29	0	8.15	3	64.30	364	50.751	72	52.87	35	41.61	14	39.75	271	49.061	78	19.99	15
Sept. 8	0	8.18	6	67.94	355	50.823	32	52.52	11	41.75	1	42.46	280	49.139	35	20.14	38
17	23	8.12	14	71.49	338	50.855	7	52.41	10	41.76	10	45.26	280	49.174	6	20.52	57
27	22	7.98	22	74.87	313	50.848	41	52.51	28	41.66	21	48.06	268	49.168	41	21.09	72
Okt. 7	22	7.76	28	78.00	282	50.807	70	52.79	43	41.45	32	50.74	244	49.127	71	21.81	82
17	21	7.48	34	80.82	245	50.737	91	53.22	54	41.13	40	53.18	210	49.056	94	22.63	88
27	20	7.14	38	83.27	200	50.646	107	53.76	63	40.73	46	55.28	170	48.962	111	23.51	89
Nov. 6	20	6.76	42	85.27	151	50.539	116	54.39	67	40.27	50	56.98	120	48.851	121	24.40	86
16	19	6.34	45	86.78	97	50.423	118	55.06	69	39.77	53	58.18	65	48.730	124	25.26	80
26	18	5.89	47	87.75	39	50.305	116	55.75	68	39.24	53	58.83	7	48.606	121	26.06	69
Dez. 6	18	5.42	46	88.14	20	50.189	108	56.43	66	38.71	50	58.90	52	48.485	114	26.75	58
16	17	4.96	45	87.94	79	50.081	97	57.09	60	38.21	47	58.38	110	48.371	101	27.33	43
26	16	4.51	42	87.15	136	49.984	81	57.69	53	37.74	41	57.28	164	48.270	85	27.76	28
36	16	4.09		85.79		49.903		58.22		37.33		55.64		48.185		28.04	
Mittl. Ort		4.57		58.17		48.429		66.58		36.21		51.24		46.671		33.96	
sec δ, tg δ		2.441		+2.227		1.010		−0.140		2.990		−2.818		1.041		−0.291	

Welt-Zeit		867) α Pisc. austr. AR.		867) Dekl.		869) ο Andromedae AR.		869) Dekl.		870) β Pegasi AR.		870) Dekl.		871) α Pegasi AR.		871) Dekl.	
1927		$22^h\ 53^m$		$-30°\ 0'$		$22^h\ 58^m$		$+41°\ 55'$		$23^h\ 0^m$		$+27°\ 40'$		$23^h\ 1^m$		$+14°\ 48'$	
Jan. 1	16^h	$35^s.365$	92	$50''.49$	33	$31^s.908$	168	$64''.85$	159	$12^s.418$	118	$72''.56$	141	$5^s.834$	95	$40''.94$	116
11	15	35.273	68	50.16	61	31.740	144	63.26	193	12.300	100	71.15	163	5.739	78	39.78	126
21	15	35.205	42	49.55	89	31.596	115	61.33	219	12.200	76	69.52	178	5.661	57	38.52	130
31	14	35.163	13	48.66	114	31.481	79	59.14	236	12.124	48	67.74	187	5.604	32	37.22	130
Feb. 10	14	35.150	19	47.52	138	31.402	38	56.78	245	12.076	16	65.87	186	5.572	3	35.92	124
20	13	35.169	53	46.14	159	31.364	8	54.33	242	12.060	21	64.01	178	5.569	28	34.68	110
März 2	12	35.222	89	44.55	179	31.372	57	51.91	229	12.081	61	62.23	161	5.597	63	33.58	90
12	12	35.311	127	42.76	196	31.429	109	49.62	206	12.142	102	60.62	137	5.660	100	32.68	65
22	11	35.438	165	40.80	210	31.538	160	47.56	175	12.244	145	59.25	105	5.760	139	32.03	36
Apr. 1	10	35.603	204	38.70	220	31.698	210	45.81	135	12.389	186	58.20	69	5.899	176	31.67	3
11	10	35.807	240	36.50	226	31.908	257	44.46	90	12.575	226	57.51	28	6.075	212	31.64	32
21	9	36.047	274	34.24	227	32.165	297	43.56	42	12.801	262	57.23	15	6.287	246	31.96	68
Mai 1	8	36.321	305	31.97	223	32.462	331	43.14	9	13.063	292	57.38	58	6.533	274	32.64	102
11	8	36.626	329	29.74	215	32.793	356	43.23	59	13.355	314	57.96	100	6.807	296	33.66	135
21	7	36.955	345	27.59	201	33.149	371	43.82	108	13.669	330	58.96	139	7.103	312	35.01	163
31	6	37.300	355	25.58	181	33.520	377	44.90	154	13.999	336	60.35	174	7.415	319	36.64	188
Juni 10	6	37.655	355	23.77	157	33.897	371	46.44	195	14.335	333	62.09	205	7.734	317	38.52	207
20	5	38.010	346	22.20	129	34.268	356	48.39	231	14.668	322	64.14	230	8.051	308	40.59	220
30	4	38.356	329	20.91	98	34.624	332	50.70	260	14.990	303	66.44	249	8.359	291	42.79	228
Juli 10	4	38.685	304	19.93	65	34.956	300	53.30	284	15.293	275	68.93	261	8.650	267	45.07	230
20	3	38.989	270	19.28	30	35.256	260	56.14	300	15.568	242	71.54	268	8.917	235	47.37	226
30	2	39.259	230	18.98	5	35.516	216	59.14	310	15.810	203	74.22	268	9.152	200	49.63	218
Aug. 9	2	39.489	185	19.03	38	35.732	167	62.24	313	16.013	161	76.90	262	9.352	160	51.81	205
19	1	39.674	138	19.41	68	35.899	116	65.37	309	16.174	117	79.52	252	9.512	119	53.86	189
29	0	39.812	88	20.09	94	36.015	65	68.46	298	16.291	72	82.04	237	9.631	77	55.75	170
Sept. 8	0	39.900	40	21.03	116	36.080	16	71.44	283	16.363	30	84.41	218	9.708	37	57.45	147
17	23	39.940	5	22.19	132	36.096	30	74.27	262	16.393	11	86.59	194	9.745	2	58.92	123
27	22	39.935	46	23.51	141	36.066	72	76.89	236	16.382	47	88.53	168	9.743	35	60.15	99
Okt. 7	22	39.889	81	24.92	144	35.994	109	79.25	205	16.335	77	90.21	140	9.708	64	61.14	74
17	21	39.808	108	26.36	139	35.885	139	81.30	170	16.258	103	91.61	109	9.644	88	61.88	49
27	20	39.700	129	27.75	128	35.746	164	83.00	132	16.155	123	92.70	77	9.556	104	62.37	24
Nov. 6	20	39.571	140	29.03	112	35.582	181	84.32	90	16.032	136	93.47	42	9.452	116	62.61	1
16	19	39.431	145	30.15	91	35.401	193	85.22	45	15.896	144	93.89	8	9.336	123	62.60	25
26	18	39.286	143	31.06	67	35.208	199	85.67	1	15.752	147	93.97	26	9.213	123	62.35	48
Dez. 6	18	39.143	134	31.73	40	35.009	197	85.66	46	15.605	144	93.71	61	9.090	120	61.87	69
16	17	39.009	120	32.13	11	34.812	190	85.20	91	15.461	137	93.10	94	8.970	113	61.18	88
26	16	38.889	101	32.24	17	34.622	176	84.29	133	15.324	125	92.16	122	8.857	101	60.30	105
36	16	38.788		32.07		34.446		82.96		15.199		90.94		8.756		59.25	
Mittl. Ort		37.204		34.15		33.500		59.53		13.960		71.22		7.373		43.60	
sec δ, tg δ		1.155		−0.578		1.344		+0.898		1.129		+0.525		1.034		+0.264	

Welt-Zeit		872) ϑ Gruis				873) c^2 Aquarii				874) π Cephei				875) Br 3077			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1927		23h 2m		−43° 54′		23h 5m		−21° 33′		23h 5m		+74° 59′		23h 9m		+56° 45′	
Jan. 1	16h	s 44.354	135	″ 74.86	83	s 31.719	89	″ 82.63	4	s 31.92	72	″ 45.39	135	s 43.975	274	″ 62.97	147
11	16	44.219	106	74.03	121	31.630	70	82.67	20	31.20	65	44.04	189	43.701	245	61.50	193
21	15	44.113	74	72.82	156	31.560	49	82.47	43	30.55	55	42.15	237	43.456	204	59.57	231
31	14	44.039	38	71.26	187	31.511	23	82.04	66	30.00	44	39.78	275	43.252	155	57.26	260
Feb. 10	14	44.001	0	69.39	214	31.488	6	81.38	89	29.56	30	37.03	301	43.097	97	54.66	278
20	13	44.001	42	67.25	237	31.494	37	80.49	111	29.26	15	34.02	316	43.000	32	51.88	285
März 2	12	44.043	85	64.88	254	31.531	70	79.38	132	29.11	0	30.86	317	42.968	38	49.03	280
12	12	44.128	130	62.34	267	31.601	106	78.06	152	29.11	16	27.69	306	43.006	111	46.23	263
22	11	44.258	176	59.67	275	31.707	143	76.54	172	29.27	32	24.63	282	43.117	183	43.60	236
Apr. 1	10	44.434	221	56.92	278	31.850	180	74.82	187	29.59	47	21.81	248	43.300	252	41.24	199
11	10	44.655	265	54.14	274	32.030	217	72.95	199	30.06	59	19.33	205	43.552	316	39.25	155
21	9	44.920	306	51.40	266	32.247	251	70.96	209	30.65	69	17.28	155	43.868	372	37.70	104
Mai 1	8	45.226	341	48.74	251	32.498	280	68.87	213	31.34	78	15.73	99	44.240	417	36.66	50
11	8	45.567	370	46.23	230	32.778	306	66.74	213	32.12	84	14.74	40	44.657	451	36.16	6
21	7	45.937	393	43.93	204	33.084	323	64.61	207	32.96	87	14.34	20	45.108	472	36.22	61
31	6	46.330	405	41.89	173	33.407	333	62.54	196	33.83	88	14.54	78	45.580	478	36.83	115
Juni 10	6	46.735	408	40.16	138	33.740	336	60.58	180	34.71	86	15.32	134	46.058	474	37.98	165
20	5	47.143	401	38.78	99	34.076	330	58.78	159	35.57	81	16.66	187	46.532	455	39.63	211
30	5	47.544	384	37.79	58	34.406	314	57.19	135	36.38	74	18.53	234	46.987	424	41.74	251
Juli 10	4	47.928	356	37.21	16	34.720	292	55.84	106	37.12	66	20.87	275	47.411	384	44.25	285
20	3	48.284	319	37.05	26	35.012	262	54.78	77	37.78	56	23.62	310	47.795	334	47.10	312
30	3	48.603	274	37.31	67	35.274	225	54.01	45	38.34	45	26.72	339	48.129	278	50.22	332
Aug. 9	2	48.877	223	37.98	106	35.499	185	53.56	14	38.79	33	30.11	359	48.407	217	53.54	344
19	1	49.100	168	39.04	138	35.684	141	53.42	17	39.12	20	33.70	372	48.624	153	56.98	350
29	1	49.268	109	40.42	165	35.825	95	53.59	44	39.32	8	37.42	377	48.777	88	60.48	348
Sept. 8	0	49.377	52	42.07	186	35.920	51	54.03	67	39.40	6	41.19	374	48.865	24	63.96	338
17	23	49.429	4	43.93	198	35.971	9	54.70	88	39.34	18	44.93	364	48.889	36	67.34	323
27	23	49.425	55	45.91	203	35.980	29	55.58	102	39.16	31	48.57	346	48.853	94	70.57	301
Okt. 7	22	49.370	99	47.94	197	35.951	62	56.60	110	38.85	41	52.03	320	48.759	146	73.58	272
17	21	49.271	137	49.91	185	35.889	88	57.70	113	38.44	51	55.23	286	48.613	191	76.30	237
27	21	49.134	164	51.76	163	35.801	108	58.83	111	37.93	60	58.09	247	48.422	229	78.67	197
Nov. 6	20	48.970	183	53.39	134	35.693	120	59.94	103	37.33	68	60.56	199	48.193	260	80.64	151
16	19	48.787	191	54.73	101	35.573	127	60.97	91	36.65	73	62.55	146	47.933	282	82.15	101
26	19	48.596	191	55.74	63	35.446	126	61.88	75	35.92	77	64.01	88	47.651	297	83.16	49
Dez. 6	18	48.405	183	56.37	23	35.320	121	62.63	57	35.15	79	64.89	27	47.354	303	83.65	6
16	17	48.222	168	56.60	19	35.199	111	63.20	36	34.36	79	65.16	35	47.051	298	83.59	61
26	17	48.054	147	56.41	60	35.088	97	63.56	15	33.57	75	64.81	96	46.753	285	82.98	114
36	16	47.907		55.81		34.991		63.71		32.82		63.85		46.468		81.84	
Mittl. Ort		46.336		54.81		33.393		68.30		34.24		33.70		45.624		54.07	
sec δ, tg δ		1.388		−0.963		1.075		−0.395		3.862		+3.730		1.824		+1.526	

Welt-Zeit		877) γ Tucanae AR.		877) γ Tucanae Dekl.		879) γ Sculptoris AR.		879) γ Sculptoris Dekl.		880) τ Pegasi AR.		880) τ Pegasi Dekl.	
1927	h	23h 13m		−58° 37′		23h 14m		−32° 55′		23h 16m		+23° 20′	
Jan. 1	17	8.418	234	93.65	129	51.439	113	65.81	34	59.816	116	25.54	123
11	16	8.184	194	92.36	176	51.326	92	65.47	66	59.700	101	24.31	142
21	15	7.990	147	90.60	216	51.234	67	64.81	97	59.599	82	22.89	154
31	15	7.843	97	88.44	252	51.167	39	63.84	127	59.517	57	21.35	161
Feb. 10	14	7.746	41	85.92	281	51.128	9	62.57	153	59.460	27	19.74	161
20	13	7.705	17	83.11	304	51.119	26	61.04	177	59.433	6	18.13	153
März 2	13	7.722	78	80.07	320	51.145	63	59.27	198	59.439	43	16.60	136
12	12	7.800	140	76.87	329	51.208	102	57.29	217	59.482	84	15.24	114
22	11	7.940	203	73.58	331	51.310	143	55.12	231	59.566	125	14.10	85
Apr. 1	11	8.143	265	70.27	326	51.453	183	52.81	241	59.691	167	13.25	51
11	10	8.408	323	67.01	314	51.636	224	50.40	247	59.858	207	12.74	14
21	9	8.731	379	63.87	296	51.860	262	47.93	247	60.065	243	12.60	26
Mai 1	9	9.110	427	60.91	271	52.122	295	45.46	243	60.308	275	12.86	65
11	8	9.537	469	58.20	241	52.417	323	43.03	233	60.583	301	13.51	104
21	7	10.006	499	55.79	205	52.740	345	40.70	216	60.884	318	14.55	140
31	7	10.505	520	53.74	163	53.085	359	38.54	196	61.202	328	15.95	171
Juni 10	6	11.025	526	52.11	118	53.444	362	36.58	169	61.530	330	17.66	198
20	5	11.551	521	50.93	71	53.806	359	34.89	139	61.860	321	19.64	221
30	5	12.072	501	50.22	21	54.165	344	33.50	105	62.181	305	21.85	236
Juli 10	4	12.573	469	50.01	28	54.509	323	32.45	68	62.486	282	24.21	247
20	3	13.042	424	50.29	77	54.832	291	31.77	31	62.768	252	26.68	251
30	3	13.466	367	51.06	123	55.123	253	31.46	7	63.020	216	29.19	250
Aug. 9	2	13.833	302	52.29	164	55.376	210	31.53	43	63.236	176	31.69	243
19	1	14.135	229	53.93	199	55.586	163	31.96	76	63.412	135	34.12	231
29	1	14.364	150	55.92	227	55.749	113	32.72	106	63.547	92	36.43	216
Sept. 8	0	14.514	72	58.19	245	55.862	64	33.78	131	63.639	51	38.59	196
17	23	14.586	6	60.64	255	55.926	16	35.09	149	63.690	11	40.55	174
27	23	14.580	80	63.19	254	55.942	27	36.58	159	63.701	25	42.29	150
Okt. 7	22	14.500	146	65.73	243	55.915	65	38.17	163	63.676	55	43.79	123
17	21	14.354	202	68.16	221	55.850	98	39.80	159	63.621	82	45.02	95
27	21	14.152	247	70.37	190	55.752	121	41.39	148	63.539	102	45.97	66
Nov. 6	20	13.905	278	72.27	152	55.631	138	42.87	130	63.437	117	46.63	36
16	20	13.627	298	73.79	106	55.493	147	44.17	108	63.320	128	46.99	6
26	19	13.329	304	74.85	57	55.346	150	45.25	80	63.192	133	47.05	25
Dez. 6	18	13.025	297	75.42	4	55.196	145	46.05	50	63.059	133	46.80	54
16	18	12.728	278	75.46	49	55.051	135	46.55	17	62.926	129	46.26	82
26	17	12.450	252	74.97	101	54.916	120	46.72	16	62.797	120	45.44	107
36	16	12.198		73.96		54.796		46.56		62.677		44.37	
Mittl. Ort		10.695		70.45		53.154		48.01		61.268		25.51	
sec δ, tg δ		1.921		—1.641		1.191		—0.648		1.089		+0.432	

Welt-Zeit		882) 4 Cassiopeiae AR.		882) Dekl.		884) χ Piscium AR.		884) Dekl.		885) 70 Pegasi AR.		885) Dekl.	
1927	h	$23^h\ 21^m$ s		$+61°\ 52'$ "		$23^h\ 23^m$ s		$+0°\ 51'$ "		$23^h\ 25^m$ s		$+12°\ 21'$ "	
Jan. 1	17	33.57	35	64.56	130	9.951	92	13.18	75	26.246	103	23.58	100
11	16	33.22	33	63.26	179	9.859	79	12.43	71	26.143	89	22.58	107
21	15	32.89	28	61.47	223	9.780	62	11.72	65	26.054	72	21.51	111
31	15	32.61	22	59.24	257	9.718	41	11.07	56	25.982	50	20.40	111
Feb. 10	14	32.39	15	56.67	281	9.677	16	10.51	41	25.932	25	19.29	103
20	13	32.24	8	53.86	292	9.661	13	10.10	25	25.907	5	18.26	91
März 2	13	32.16	0	50.94	293	9.674	45	9.85	4	25.912	39	17.35	73
12	12	32.16	8	48.01	280	9.719	79	9.81	20	25.951	75	16.62	50
22	11	32.24	18	45.21	257	9.798	117	10.01	45	26.026	115	16.12	22
Apr. 1	11	32.42	25	42.64	223	9.915	154	10.46	72	26.141	153	15.90	8
11	10	32.67	33	40.41	181	10.069	191	11.18	99	26.294	192	15.98	40
21	9	33.00	40	38.60	132	10.260	225	12.17	125	26.486	227	16.38	73
Mai 1	9	33.40	45	37.28	79	10.485	256	13.42	148	26.713	259	17.11	105
11	8	33.85	50	36.49	23	10.741	282	14.90	169	26.972	285	18.16	135
21	7	34.35	52	36.26	33	11.023	301	16.59	185	27.257	304	19.51	161
31	7	34.87	53	36.59	89	11.324	312	18.44	197	27.561	316	21.12	184
Juni 10	6	35.40	53	37.48	143	11.636	316	20.41	203	27.877	318	22.96	202
20	6	35.93	51	38.91	191	11.952	311	22.44	204	28.195	314	24.98	214
30	5	36.44	48	40.82	234	12.263	298	24.48	199	28.509	301	27.12	220
Juli 10	4	36.92	44	43.16	273	12.561	279	26.47	190	28.810	279	29.32	221
20	4	37.36	38	45.89	304	12.840	252	28.37	176	29.089	253	31.53	216
30	3	37.74	32	48.93	329	13.092	220	30.13	159	29.342	220	33.69	208
Aug. 9	2	38.06	25	52.22	346	13.312	182	31.72	138	29.562	183	35.77	194
19	2	38.31	18	55.68	355	13.494	144	33.10	115	29.745	143	37.71	178
29	1	38.49	11	59.23	358	13.638	103	34.25	91	29.888	102	39.49	157
Sept. 8	0	38.60	4	62.81	353	13.741	63	35.16	67	29.990	63	41.06	136
18	0	38.64	3	66.34	342	13.804	26	35.83	44	30.053	25	42.42	113
27	23	38.61	10	69.76	322	13.830	9	36.27	22	30.078	10	43.55	90
Okt. 7	22	38.51	17	72.98	296	13.821	39	36.49	1	30.068	39	44.45	66
17	22	38.34	22	75.94	263	13.782	64	36.50	16	30.029	65	45.11	42
27	21	38.12	26	78.57	225	13.718	83	36.34	31	29.964	85	45.53	19
Nov. 6	20	37.86	31	80.82	179	13.635	97	36.03	44	29.879	100	45.72	2
16	20	37.55	34	82.61	130	13.538	105	35.59	55	29.779	110	45.70	23
26	19	37.21	36	83.91	76	13.433	110	35.04	63	29.669	115	45.47	42
Dez. 6	18	36.85	37	84.67	20	13.323	109	34.41	69	29.554	115	45.05	61
16	18	36.48	38	84.87	38	13.214	104	33.72	72	29.439	113	44.44	77
26	17	36.10	36	84.49	94	13.110	96	33.00	73	29.326	105	43.67	90
36	16	35.74		83.55		13.014		32.27		29.221		42.77	
Mittl. Ort		35.20		54.51		11.404		20.65		27.661		27.17	
sec δ, tg δ		2.122		+1.871		1.000		+0.015		1.024		+0.219	

Welt-Zeit		891) ι Andromedae AR.		891) ι Andromedae Dekl.		892) ι Piscium AR.		892) ι Piscium Dekl.		893) γ Cephei AR.		893) γ Cephei Dekl.	
1927		23h 34m		+42° 51′		23h 36m		+5° 13′		23h 36m		+77° 13′	
Jan. 1	17h	31.643s	188	55.23″	123	10.299s	100	43.30″	83	18.22s	90	42.07″	88
11	16	31.455	173	54.00	160	10.199	88	42.47	84	17.32	84	41.19	146
21	16	31.282	150	52.40	192	10.111	73	41.63	82	16.48	75	39.73	199
31	15	31.132	119	50.48	214	10.038	53	40.81	75	15.73	62	37.74	245
Feb. 10	14	31.013	83	48.34	229	9.985	30	40.06	64	15.11	48	35.29	279
20	14	30.930	39	46.05	233	9.955	1	39.42	50	14.63	32	32.50	302
März 2	13	30.891	10	43.72	228	9.954	31	38.92	30	14.31	13	29.48	313
12	12	30.901	63	41.44	212	9.985	66	38.62	7	14.18	5	26.35	311
22	12	30.964	117	39.32	187	10.051	104	38.55	18	14.23	24	23.24	296
Apr. 1	11	31.081	171	37.45	154	10.155	143	38.73	46	14.47	42	20.28	270
11	10	31.252	224	35.91	114	10.298	181	39.19	76	14.89	58	17.58	233
21	10	31.476	271	34.77	70	10.479	217	39.95	103	15.47	72	15.25	189
Mai 1	9	31.747	311	34.07	23	10.696	249	40.98	130	16.19	84	13.36	138
11	8	32.058	345	33.84	26	10.945	277	42.28	154	17.03	93	11.98	82
21	8	32.403	368	34.10	75	11.222	298	43.82	174	17.96	98	11.16	24
31	7	32.771	381	34.85	121	11.520	311	45.56	191	18.94	102	10.92	34
Juni 10	6	33.152	385	36.06	164	11.831	317	47.47	201	19.96	101	11.26	91
20	6	33.537	377	37.70	202	12.148	314	49.48	207	20.97	99	12.17	146
30	5	33.914	359	39.72	235	12.462	303	51.55	207	21.96	93	13.63	197
Juli 10	4	34.273	333	42.07	262	12.765	285	53.62	201	22.89	85	15.60	243
20	4	34.606	300	44.69	283	13.050	259	55.63	192	23.74	75	18.03	283
30	3	34.906	259	47.52	298	13.309	229	57.55	178	24.49	63	20.86	317
Aug. 9	2	35.165	215	50.50	305	13.538	193	59.33	159	25.12	51	24.03	344
19	2	35.380	166	53.55	306	13.731	155	60.92	140	25.63	36	27.47	363
29	1	35.546	117	56.61	302	13.886	115	62.32	117	25.99	22	31.10	375
Sept. 8	0	35.663	68	59.63	291	14.001	76	63.49	93	26.21	8	34.85	380
18	0	35.731	21	62.54	275	14.077	38	64.42	70	26.29	7	38.65	377
27	23	35.752	24	65.29	253	14.115	4	65.12	48	26.22	22	42.42	365
Okt. 7	22	35.728	63	67.82	227	14.119	27	65.60	26	26.00	35	46.07	347
17	22	35.665	99	70.09	197	14.092	53	65.86	5	25.65	48	49.54	319
27	21	35.566	129	72.06	162	14.039	73	65.91	12	25.17	60	52.73	284
Nov. 6	20	35.437	153	73.68	123	13.966	90	65.79	29	24.57	71	55.57	242
16	20	35.284	173	74.91	82	13.876	100	65.50	43	23.86	80	57.99	192
26	19	35.111	186	75.73	38	13.776	106	65.07	55	23.06	86	59.91	138
Dez. 6	19	34.925	194	76.11	7	13.670	109	64.52	66	22.20	91	61.29	78
16	18	34.731	195	76.04	52	13.561	107	63.86	73	21.29	93	62.07	16
26	17	34.536	192	75.52	96	13.454	101	63.13	79	20.36	92	62.23	47
36	17	34.344		74.56		13.353		62.34		19.44		61.76	
Mittl. Ort		33.028		49.35		11.668		49.39		20.22		29.63	
sec δ, tg δ		1.364		+0.928		1.004		+0.092		4.522		+4.410	

Welt-Zeit		894) ω² Aquarii AR.		894) ω² Aquarii Dekl.		895) 41 H. Cephei AR.		895) 41 H. Cephei Dekl.		896) Lac. δ Sculptoris AR.		896) Lac. δ Sculptoris Dekl.	
1927	h	23ʰ 38ᵐ		−14° 56′		23ʰ 44ᵐ		+67° 23′		23ʰ 45ᵐ		−28° 31′	
Jan. 1	17	54.865ˢ	101	68.16″	33	22.95ˢ	47	75.40″	93	6.113ˢ	121	80.09″	2
11	16	54.764	89	68.49	15	22.48	44	74.47	148	5.992	107	80.07	34
21	16	54.675	72	68.64	6	22.04	40	72.99	198	5.885	89	79.73	65
31	15	54.603	53	68.58	26	21.64	34	71.01	238	5.796	67	79.08	95
Feb. 10	14	54.550	28	68.32	49	21.30	26	68.63	270	5.729	40	78.13	123
20	14	54.522	0	67.83	72	21.04	17	65.93	291	5.689	10	76.90	150
März 2	13	54.522	31	67.11	95	20.87	6	63.02	298	5.679	25	75.40	175
12	12	54.553	67	66.16	117	20.81	4	60.04	294	5.704	62	73.65	197
22	12	54.620	104	64.99	140	20.85	14	57.10	278	5.766	103	71.68	215
Apr. 1	11	54.724	142	63.59	161	20.99	25	54.32	251	5.869	144	69.53	231
11	10	54.866	181	61.98	178	21.24	34	51.81	214	6.013	185	67.22	241
21	10	55.047	218	60.20	195	21.58	43	49.67	169	6.198	226	64.81	248
Mai 1	9	55.265	251	58.25	206	22.01	51	47.98	119	6.424	261	62.33	249
11	8	55.516	280	56.19	212	22.52	57	46.79	65	6.685	294	59.84	245
21	8	55.796	302	54.07	215	23.09	61	46.14	8	6.979	320	57.39	234
31	7	56.098	318	51.92	211	23.70	63	46.06	49	7.299	338	55.05	219
Juni 10	6	56.416	325	49.81	202	24.33	63	46.55	103	7.637	347	52.86	197
20	6	56.741	324	47.79	188	24.96	62	47.58	156	7.984	349	50.89	171
30	5	57.065	315	45.91	169	25.58	59	49.14	204	8.333	340	49.18	140
Juli 10	4	57.380	298	44.22	147	26.17	55	51.18	247	8.673	324	47.78	106
20	4	57.678	273	42.75	119	26.72	49	53.65	284	8.997	299	46.72	70
30	3	57.951	242	41.56	91	27.21	42	56.49	314	9.296	267	46.02	32
Aug. 9	2	58.193	206	40.65	61	27.63	35	59.63	338	9.563	229	45.70	6
19	2	58.399	166	40.04	30	27.98	27	63.01	355	9.792	187	45.76	42
29	1	58.565	125	39.74	1	28.25	18	66.56	363	9.979	141	46.18	74
Sept. 8	1	58.690	83	39.73	26	28.43	9	70.19	366	10.120	95	46.92	104
18	0	58.773	43	39.99	50	28.52	1	73.85	359	10.215	50	47.96	127
27	23	58.816	6	40.49	70	28.53	7	77.44	347	10.265	8	49.23	143
Okt. 7	23	58.822	28	41.19	85	28.46	15	80.91	326	10.273	30	50.66	153
17	22	58.794	55	42.04	94	28.31	23	84.17	298	10.243	63	52.19	156
27	21	58.739	78	42.98	99	28.08	30	87.15	263	10.180	90	53.75	152
Nov. 6	21	58.661	94	43.97	99	27.78	35	89.78	222	10.090	110	55.27	140
16	20	58.567	106	44.96	94	27.43	40	92.00	173	9.980	124	56.67	123
26	19	58.461	113	45.90	86	27.03	44	93.73	121	9.856	132	57.90	100
Dez. 6	19	58.348	114	46.76	74	26.59	47	94.94	64	9.724	135	58.90	75
16	18	58.234	111	47.50	59	26.12	48	95.58	5	9.589	133	59.65	45
26	17	58.123	104	48.09	43	25.64	48	95.63	55	9.456	124	60.10	15
36	17	58.019		48.52		25.16		95.08		9.332		60.25	
Mittl. Ort		56.281		55.20		24.47		64.13		7.557		62.81	
sec δ, tg δ		1.035		−0.267		2.602		+2.403		1.138		−0.544	

Welt-Zeit		898) φ Pegasi AR.		898) φ Pegasi Dekl.		902) ω Piscium AR.		902) ω Piscium Dekl.		903) ε Tucanae AR.		903) ε Tucanae Dekl.	
1927		23h 48m		+18° 42′		23h 55m		+6° 27′		23h 56m		−65° 58′	
	h	s		″		s		″		s		″	
Jan. 1	17	44.998	119	51.52	98	32.421	107	27.12	80	6.13	38	85.65	107
11	16	44.879	110	50.54	112	32.314	99	26.32	82	5.75	35	84.58	160
21	16	44.769	95	49.42	124	32.215	86	25.50	80	5.40	30	82.98	210
31	15	44.674	77	48.18	128	32.129	70	24.70	75	5.10	24	80.88	253
Feb. 10	15	44.597	52	46.90	127	32.059	48	23.95	66	4.86	18	78.35	290
20	14	44.545	22	45.63	120	32.011	21	23.29	52	4.68	11	75.45	319
März 2	13	44.523	12	44.43	106	31.990	11	22.77	35	4.57	3	72.26	341
12	13	44.535	50	43.37	87	32.001	46	22.42	13	4.54	5	68.85	356
22	12	44.585	91	42.50	61	32.047	84	22.29	12	4.59	13	65.29	364
Apr. 1	11	44.676	134	41.89	31	32.131	123	22.41	39	4.72	21	61.65	362
11	11	44.810	175	41.58	2	32.254	164	22.80	68	4.93	29	58.03	352
21	10	44.985	215	41.60	36	32.418	202	23.48	96	5.22	37	54.51	337
Mai 1	9	45.200	250	41.96	71	32.620	237	24.44	123	5.59	44	51.14	313
11	9	45.450	280	42.67	106	32.857	267	25.67	148	6.03	51	48.01	283
21	8	45.730	303	43.73	137	33.124	291	27.15	170	6.54	55	45.18	247
31	7	46.033	318	45.10	165	33.415	307	28.85	187	7.09	60	42.71	204
Juni 10	7	46.351	325	46.75	189	33.722	316	30.72	200	7.69	63	40.67	157
20	6	46.676	323	48.64	208	34.038	316	32.72	207	8.32	63	39.10	106
30	5	46.999	313	50.72	221	34.354	308	34.79	208	8.95	63	38.04	52
Juli 10	5	47.312	296	52.93	229	34.662	289	36.87	205	9.58	61	37.52	2
20	4	47.608	270	55.22	231	34.951	274	38.92	197	10.19	56	37.54	56
30	3	47.878	240	57.53	228	35.225	242	40.89	184	10.75	51	38.10	109
Aug. 9	3	48.118	205	59.81	219	35.467	208	42.73	167	11.26	44	39.19	157
19	2	48.323	166	62.00	208	35.675	172	44.40	147	11.70	36	40.76	199
29	1	48.489	126	64.08	192	35.847	134	45.87	126	12.06	27	42.75	235
Sept. 8	1	48.615	87	66.00	173	35.981	95	47.13	103	12.33	17	45.10	262
18	0	48.702	48	67.73	152	36.076	57	48.16	80	12.50	7	47.72	280
27	23	48.750	12	69.25	129	36.133	23	48.96	56	12.57	2	50.52	285
Okt. 7	23	48.762	19	70.54	105	36.156	9	49.52	35	12.55	12	53.37	279
17	22	48.743	47	71.59	80	36.147	36	49.87	14	12.43	20	56.16	263
27	21	48.696	71	72.39	55	36.111	59	50.01	5	12.23	28	58.79	235
Nov. 6	21	48.625	89	72.94	31	36.052	77	49.96	21	11.95	33	61.14	198
16	20	48.536	103	73.25	5	35.975	91	49.75	36	11.62	38	63.12	151
26	19	48.433	114	73.30	19	35.884	100	49.39	49	11.24	40	64.63	100
Dez. 6	19	48.319	120	73.11	43	35.784	106	48.90	59	10.84	42	65.63	44
16	18	48.199	121	72.68	65	35.678	109	48.31	69	10.42	42	66.07	15
26	17	48.078	119	72.03	85	35.569	106	47.62	75	10.00	40	65.92	74
36	17	47.959		71.18		35.463		46.87		9.60		65.18	
Mittl. Ort		46.280		53.05		33.679		32.91		8.01		60.11	
sec δ, tg δ		1.056		+0.339		1.006		+0.113		2.457		−2.244	

Tag	43 Hev. Cephei $4^m.52$				α Ursae minoris $2^m.12$				Grb 750 $6^m.70$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$0^h 58^m$	in 0.01^s	+85° 52′	in 0.01″	$1^h 34^m$	in 0.01^s	+88° 55′	in 0.01″	$4^h 13^m$	in 0.01^s	+85° 21′	in 0.01″
Jan. 0	$27^s.47$	− 1	12″.54	−11	$89^s.70$	− 4	0″.65	−11	$8^s.08$	− 7	48″.75	− 8
1	27.18	+ 3	12.63	− 9	88.62	+11	0.80	−10	7.97	− 4	49.05	−10
2	26.88	+ 7	12.71	− 6	87.53	+23	0.94	− 7	7.85	0	49.34	−10
3	26.58	+ 8	12.78	− 2	86.43	+30	1.07	− 3	7.72	+ 4	49.63	− 8
4	26.28	+ 8	12.85	+ 2	85.32	+31	1.19	+ 1	7.60	+ 7	49.92	− 4
5	25.98	+ 6	12.91	+ 5	84.21	+23	1.31	+ 5	7.47	+ 8	50.21	+ 1
6	25.68	+ 2	12.96	+ 8	83.09	+ 9	1.42	+ 8	7.34	+ 7	50.49	+ 5
7	25.38	− 2	13.01	+ 8	81.96	− 7	1.53	+ 9	7.20	+ 4	50.77	+ 8
8	25.08	− 6	13.05	+ 6	80.83	−21	1.63	+ 7	7.06	0	51.04	+ 9
9	24.78	− 8	13.08	+ 3	79.69	−30	1.73	+ 4	6.92	− 3	51.31	+ 8
10	24.48	− 9	13.11	− 1	78.55	−31	1.82	0	6.77	− 6	51.57	+ 5
11	24.17	− 7	13.13	− 4	77.40	−25	1.90	− 3	6.61	− 7	51.83	+ 1
12	23.87	− 3	13.15	− 6	76.25	−12	1.97	− 6	6.45	− 6	52.09	− 3
13	23.57	+ 1	13.16	− 6	75.09	+ 3	2.04	− 6	6.29	− 3	52.35	− 6
14	23.26	+ 5	13.16	− 4	73.94	+18	2.10	− 5	6.12	0	52.60	− 7
15	22.96	+ 8	13.15	− 1	72.78	+28	2.16	− 3	5.95	+ 4	52.84	− 7
16	22.66	+ 9	13.14	+ 2	71.61	+34	2.21	0	5.77	+ 7	53.08	− 5
17	22.36	+ 9	13.12	+ 5	70.45	+33	2.25	+ 4	5.59	+ 9	53.31	− 2
18	22.06	+ 7	13.10	+ 7	69.28	+26	2.29	+ 6	5.41	+ 9	53.54	+ 1
19	21.77	+ 4	13.07	+ 9	68.12	+15	2.32	+ 8	5.23	+ 8	53.76	+ 4
20	21.47	0	13.03	+ 8	66.95	+ 2	2.34	+ 8	5.04	+ 5	53.98	+ 6
21	21.17	− 3	12.99	+ 7	65.78	−11	2.35	+ 7	4.84	+ 2	54.20	+ 8
22	20.87	− 6	12.94	+ 4	64.61	−22	2.36	+ 5	4.64	− 1	54.41	+ 8
23	20.57	− 8	12.89	+ 1	63.44	−30	2.36	+ 2	4.44	− 5	54.62	+ 6
24	20.28	− 9	12.83	− 3	62.27	−32	2.36	− 2	4.24	− 8	54.82	+ 4
25	19.98	− 8	12.76	− 7	61.11	−31	2.35	− 6	4.03	−10	55.01	+ 1
26	19.69	− 6	12.68	−10	59.94	−23	2.33	− 9	3.82	−10	55.20	− 3
27	19.40	− 2	12.60	−11	58.78	−11	2.31	−11	3.61	− 9	55.38	− 7
28	19.11	+ 1	12.51	−11	57.62	+ 4	2.28	−11	3.39	− 6	55.56	−10
29	18.82	+ 5	12.41	− 8	56.46	+18	2.24	− 9	3.17	− 2	55.73	−10
30	18.54	+ 8	12.30	− 5	55.31	+28	2.20	− 6	2.95	+ 2	55.90	− 9
31	18.25	+ 9	12.19	0	54.16	+31	2.15	− 1	2.72	+ 5	56.06	− 6
Febr. 1	17.97	+ 7	12.07	+ 4	53.01	+26	2.09	+ 3	2.49	+ 7	56.22	− 1
2	17.69	+ 4	11.95	+ 7	51.87	+15	2.03	+ 7	2.26	+ 7	56.37	+ 3
3	17.42	0	11.83	+ 9	50.74	0	1.96	+ 9	2.02	+ 5	56.51	+ 7
4	17.14	− 4	11.69	+ 7	49.61	−16	1.88	+ 8	1.79	+ 2	56.65	+ 9
5	16.87	− 7	11.56	+ 5	48.49	−27	1.80	+ 6	1.55	− 2	56.79	+ 9
6	16.60	− 9	11.42	+ 1	47.37	−32	1.71	+ 2	1.31	− 5	56.92	+ 7
sec δ, tg δ	85° 52′ 10″		13.883	+13.847	88° 55′ 0″		52.891	+52.882	85° 21′ 50″		12.372	+12.332
	20		13.893	+13.857	10		53.027	+53.018	60		12.379	+12.339

Tag	51 Hev. Cephei 5^m.26				1 Hev. Draconis 4^m.58				ε Ursae minoris 4^m.40			
	AR.	☾ Gl.	Dekl.*	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	7^h 7^m	in ^{s} 0.01	+87° 9′	in ″ 0.01	9^h 26^m	in ^{s} 0.01	+81° 38′	in ″ 0.01	16^h 53^m	in ^{s} 0.01	+82° 9′	in ″ 0.01
Jan. 0	^{s}11.60	−15	″55.69	+3	^{s}52.45	− 5	″54.58	+ 8	^{s}16.02	+ 3	″30.77	+ 5
1	11.77	−16	56.00	−1	52.59	− 6	54.76	+ 4	16.07	+ 2	30.42	+ 8
2	11.92	−13	56.32	−5	52.73	− 6	54.94	0	16.13	+ 1	30.06	+10
3	12.06	− 8	56.64	−8	52.87	− 5	55.13	− 4	16.19	− 1	29.71	+ 9
4	12.20	− 2	56.97	−9	53.00	− 2	55.32	− 7	16.25	− 2	29.37	+ 7
5	12.33	+ 5	57.29	−8	53.13	0	55.52	− 8	16.32	− 3	29.03	+ 3
6	12.45	+10	57.61	−5	53.26	+ 3	55.72	− 7	16.39	− 2	28.69	− 2
7	12.57	+12	57.93	0	53.38	+ 4	55.93	− 5	16.46	− 2	28.36	− 6
8	{12.67 {12.76	+12 + 8	58.26 58.58	+ 4} + 7}	53.51	+ 5	56.14	− 1	16.53	− 1	28.03	− 9
9	12.84	+ 3	58.91	+9	53.63	+ 4	56.36	+ 3	16.61	+ 1	27.70	− 9
10	12.92	− 2	59.23	+8	53.75	+ 3	56.58	+ 6	16.69	+ 2	27.38	− 8
11	12.98	− 7	59.57	+5	53.86	+ 1	56.80	+ 8	16.77	+ 2	27.06	− 5
12	13.04	− 9	59.90	+2	53.97	− 1	57.03	+ 7	16.85	+ 2	26.74	0
13	13.09	− 9	60.23	−3	54.08	− 3	57.27	+ 4	16.94	+ 1	26.42	+ 3
14	13.13	− 6	60.56	−6	54.19	− 4	57.51	+ 1	17.03	0	26.11	+ 7
15	13.16	− 1	60.89	−8	54.30	− 3	57.75	− 3	17.13	− 1	25.80	+ 8
16	13.19	+ 4	61.22	−9	54.40	− 2	57.99	− 7	17.22	− 2	25.50	+ 7
17	13.20	+ 8	61.54	−8	54.50	− 1	58.24	− 9	17.32	− 3	25.20	+ 6
18	13.20	+11	61.87	−5	54.60	+ 1	58.49	− 9	17.42	− 3	24.91	+ 2
19	13.19	+13	62.20	−2	54.70	+ 3	58.75	− 9	17.52	− 3	24.62	− 1
20	13.18	+12	62.52	+1	54.79	+ 4	59.01	− 6	17.63	− 2	24.33	− 4
21	13.15	+ 9	62.85	+5	54.88	+ 4	59.27	− 3	17.74	− 1	24.05	− 6
22	13.12	+ 5	63.18	+7	54.97	+ 4	59.54	+ 1	17.85	0	23.77	− 8
23	13.08	0	63.51	+9	55.05	+ 3	59.81	+ 4	17.97	+ 1	23.50	− 8
24	13.03	− 6	63.83	+9	55.13	+ 2	60.09	+ 7	18.08	+ 2	23.23	− 7
25	12.97	−11	64.15	+7	55.21	0	60.37	+ 9	18.20	+ 3	22.97	− 4
26	12.90	−15	64.47	+4	55.29	− 2	60.65	+10	18.32	+ 3	22.71	0
27	12.82	−16	64.79	0	55.36	− 4	60.93	+ 9	18.44	+ 3	22.45	+ 3
28	12.74	−15	65.11	−4	55.43	− 6	61.21	+ 6	18.57	+ 2	22.20	+ 7
29	12.65	−11	65.43	−7	55.50	− 6	61.49	+ 2	18.69	+ 1	21.96	+ 9
30	12.55	− 5	65.74	−9	55.57	− 5	61.78	− 2	18.82	0	21.72	+10
31	12.43	+ 1	66.06	−8	55.63	− 4	62.07	− 5	18.95	− 1	21.49	+ 9
Febr. 1	12.31	+ 7	66.37	−6	55.69	− 1	62.37	− 7	19.09	− 2	21.26	+ 5
2	12.18	+11	66.68	−2	55.74	+ 1	62.66	− 8	19.22	− 3	21.04	+ 1
3	12.04	+12	66.98	+2	55.79	+ 4	62.96	− 6	19.36	− 2	20.82	− 4
4	11.90	+10	67.29	+6	55.84	+ 5	63.26	− 2	19.50	− 1	20.61	− 8
5	11.75	+ 6	67.59	+9	55.89	+ 5	63.56	+ 1	19.64	0	20.40	− 9
6	11.59	0	67.89	+9	55.93	+ 4	63.86	+ 5	19.78	+ 1	20.20	− 9
sec δ, tg δ	87° 9′ 50″		20.210	+20.186	81° 38′ 50″		6.884	+6.811	82° 9′ 20″		7.327	+7.258
	60		20.230	+20.206	60		6.886	+6.813	30		7.329	+7.261

Tag	δ Ursae minoris $4^m.44$				λ Ursae minoris $6^m.55$				76 Draconis $5^m.69$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$17^h 55^m$	in ^{s} 0.01	+86° 36′	in ″ 0.01	$18^h 49^m$	in ^{s} 0.01	+89° 1′	in ″ 0.01	$20^h 47^m$	in ^{s} 0.01	+82° 15′	in ″ 0.01
Jan. 0	^{s}30.11	+10	″47.99	+ 2	^{s}34.76	+40	″52.90	0	^{s}52.16	+ 3	″52.26	− 5
1	30.11	+ 8	47.64	+ 6	34.44	+37	52.56	+ 4	52.05	+ 4	52.00	− 1
2	30.13	+ 5	47.28	+ 9	34.14	+27	52.22	+ 7	51.95	+ 4	51.73	+ 3
3	30.16	+ 1	46.93	+ 9	33.87	+12	51.88	+ 9	51.85	+ 3	51.45	+ 7
4	30.19	− 3	46.58	+ 8	33.62	− 5	51.55	+ 9	51.75	+ 2	51.17	+ 8
5	30.23	− 6	46.23	+ 5	33.40	−20	51.21	+ 6	51.65	0	50.89	+ 8
6	30.27	− 8	45.88	0	33.21	−30	50.87	+ 2	51.56	− 2	50.61	+ 6
7	30.32	− 7	45.54	− 4	33.04	−32	50.53	− 2	51.47	− 3	50.32	+ 2
8	30.37	− 5	45.19	− 8	32.90	−26	50.19	− 6	51.38	− 4	50.03	− 2
9	30.43	− 2	44.85	− 9	32.78	−14	49.85	− 9	51.29	− 3	49.74	− 6
10	30.50	+ 2	44.51	− 9	32.69	0	49.51	− 9	51.21	− 2	49.45	− 8
11	30.57	+ 5	44.17	− 6	32.62	+13	49.17	− 7	51.13	− 1	49.15	− 8
12	30.66	+ 6	43.83	− 2	32.58	+22	48.83	− 3	51.05	+ 1	48.84	− 5
13	30.75	+ 6	43.49	+ 2	32.57	+24	48.49	+ 1	50.98	+ 2	48.53	− 2
14	30.85	+ 4	43.15	+ 6	32.58	+19	48.15	+ 5	50.91	+ 3	48.22	+ 2
15	30.96	0	42.82	+ 8	32.62	+ 8	47.81	+ 8	50.84	+ 3	47.91	+ 6
16	31.07	− 3	42.49	+ 8	32.68	− 4	47.47	+ 9	50.78	+ 2	47.60	+ 9
17	31.19	− 6	42.16	+ 7	32.77	−15	47.13	+ 9	50.71	+ 1	47.28	+10
18	31.32	− 8	41.83	+ 5	32.89	−26	46.79	+ 6	50.65	0	46.96	+ 9
19	31.45	− 9	41.51	+ 1	33.03	−32	46.46	+ 3	50.60	− 1	46.64	+ 7
20	31.59	− 8	41.19	− 2	33.20	−32	46.12	0	50.54	− 2	46.32	+ 3
21	31.74	− 6	40.87	− 5	33.39	−27	45.79	− 4	50.49	− 3	46.00	0
22	31.90	− 3	40.55	− 7	33.61	−18	45.46	− 6	50.44	− 3	45.67	− 4
23	32.06	+ 1	40.23	− 8	33.85	− 5	45.13	− 8	50.39	− 3	45.33	− 7
24	32.23	+ 4	39.92	− 8	34.12	+ 9	44.80	− 9	50.35	− 2	45.00	− 9
25	32.41	+ 7	39.61	− 6	34.41	+23	44.47	− 8	50.31	0	44.67	−10
26	32.59	+10	39.31	− 3	34.73	+34	44.15	− 5	50.28	+ 1	44.33	− 9
27	32.78	+11	39.01	+ 1	35.08	+41	43.83	− 2	50.24	+ 3	44.00	− 7
28	32.97	+10	38.72	+ 5	35.45	+41	43.50	+ 3	50.21	+ 4	43.67	− 3
29	33.17	+ 7	38.43	+ 8	35.84	+34	43.18	+ 6	50.19	+ 4	43.33	+ 2
30	33.38	+ 3	38.14	+ 9	36.26	+21	42.87	+ 8	50.17	+ 4	43.00	+ 5
31	33.59	− 1	37.86	+ 9	36.70	+ 4	42.55	+ 9	50.15	+ 3	42.66	+ 8
Febr. 1	33.81	− 5	37.58	+ 6	37.17	−12	42.24	+ 7	50.13	+ 1	42.31	+ 8
2	34.04	− 7	37.30	+ 2	37.66	−25	41.93	+ 4	50.12	− 1	41.97	+ 6
3	34.27	− 8	37.03	− 2	38.17	−31	41.63	− 1	50.11	− 3	41.63	+ 3
4	34.50	− 6	36.76	− 6	38.70	−29	41.32	− 5	50.10	− 4	41.29	− 1
5	34.74	− 3	36.50	− 9	39.26	−20	41.02	− 8	50.10	− 4	40.95	− 5
6	34.99	0	36.24	− 9	39.84	− 7	40.72	− 9	50.10	− 3	40.61	− 7

sec δ, tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
	86° 36′ 40″	16.917	+16.887	89° 1′ 40″	58.936	+58.927	82° 15′ 40″	7.426	+7.359
	50	16.931	+16.901	50	59.104	+59.096	50	7.429	+7.361

Tag	43 Hev. Cephei $4^m.52$				α Ursae minoris $2^m.12$				Grb 750 $6^m.70$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$0^h 58^m$	in 0.01 s	+85° 52′	in 0.01 ″	$1^h 34^m$	in 0.01 s	+88° 54′	in 0.01 ″	$4^h 12^m$	in 0.01 s	+85° 42′	in 0.01 ″
Febr. 6	16.60	− 9	11.42	+ 1	47.37	−32	61.71	+ 2	61.31	− 5	56.92	+ 7
7	16.33	− 8	11.27	− 3	46.27	−28	61.62	− 1	61.07	− 6	57.04	+ 3
8	16.07	− 5	11.12	− 5	45.17	−17	61.52	− 4	60.83	− 6	57.15	− 1
9	15.81	− 1	10.96	− 6	44.08	− 2	61.41	− 6	60.58	− 4	57.26	− 4
10	15.55	+ 4	10.79	− 5	43.00	+13	61.30	− 6	60.33	− 1	57.36	− 7
11	15.30	+ 7	10.62	− 2	41.92	+26	61.18	− 3	60.08	+ 3	57.46	− 7
12	15.05	+ 9	10.44	+ 1	40.86	+34	61.05	− 1	59.83	+ 6	57.55	− 6
13	14.80	+ 9	10.26	+ 4	39.80	+35	60.92	+ 3	59.58	+ 9	57.63	− 4
14	14.55	+ 8	10.07	+ 7	38.76	+30	60.78	+ 6	59.32	+ 9	57.71	0
15	14.31	+ 5	9.88	+ 9	37.72	+20	60.64	+ 8	59.07	+ 9	57.78	+ 3
16	14.07	+ 2	9.69	+ 9	36.70	+ 7	60.49	+ 9	58.81	+ 7	57.85	+ 6
17	13.84	− 2	9.49	+ 8	35.69	− 6	60.34	+ 8	58.56	+ 4	57.91	+ 8
18	13.61	− 5	9.28	+ 5	34.69	−18	60.18	+ 6	58.30	0	57.96	+ 8
19	13.38	− 7	9.07	+ 2	33.70	−27	60.01	+ 3	58.04	− 3	58.01	+ 7
20	13.15	− 9	8.85	− 2	32.72	−33	59.84	0	57.78	− 7	58.05	+ 5
21	12.93	− 9	8.63	− 5	31.76	−32	59.67	− 4	57.52	− 9	58.08	+ 2
22	12.71	− 7	8.40	− 9	30.81	−26	59.49	− 8	57.25	−10	58.11	− 2
23	12.50	− 4	8.17	−11	29.88	−16	59.30	−10	56.99	− 9	58.13	− 6
24	12.30	0	7.94	−11	28.96	− 2	59.11	−11	56.73	− 6	58.14	− 9
25	12.09	+ 4	7.70	−10	28.05	+12	58.91	−10	56.47	− 4	58.15	−11
26	11.90	+ 7	7.46	− 7	27.16	+24	58.71	− 8	56.21	0	58.15	−10
27	11.71	+ 8	7.22	− 3	26.28	+30	58.50	− 4	55.95	+ 4	58.15	− 8
28	11.52	+ 8	6.97	+ 2	25.42	+28	58.29	+ 1	55.69	+ 6	58.14	− 4
März 1	11.34	+ 5	6.72	+ 6	24.58	+19	58.08	+ 5	55.43	+ 7	58.13	+ 1
2	11.16	+ 1	6.46	+ 8	23.75	+ 5	57.86	+ 7	55.17	+ 5	58.11	+ 5
3	10.99	− 3	6.20	+ 8	22.93	−11	57.63	+ 8	54.91	+ 3	58.08	+ 8
4	10.82	− 7	5.94	+ 6	22.14	−24	57.40	+ 7	54.65	− 1	58.04	+ 9
5	10.66	− 9	5.67	+ 2	21.36	−32	57.17	+ 4	54.39	− 4	58.00	+ 8
6	10.50	− 9	5.40	− 1	20.60	−31	56.93	0	54.14	− 6	57.95	+ 5
7	10.34	− 6	5.13	− 4	19.85	−23	56.69	− 3	53.88	− 6	57.90	+ 1
8	10.19	− 2	4.85	− 6	19.13	− 9	56.44	− 5	53.62	− 5	57.84	− 3
9	10.05	+ 2	4.57	− 5	18.42	+ 8	56.19	− 5	53.37	− 2	57.78	− 6
10	9.91	+ 6	4.29	− 3	17.72	+22	55.94	− 4	53.12	+ 2	57.71	− 7
11	9.78	+ 9	4.01	0	17.05	+33	55.68	− 1	52.87	+ 6	57.63	− 7
12	9.65	+10	3.72	+ 4	16.40	+37	55.42	+ 2	52.62	+ 9	57.55	− 5
13	9.52	+ 9	3.43	+ 7	15.77	+34	55.15	+ 5	52.37	+10	57.46	− 1
14	9.40	+ 7	3.14	+ 9	15.15	+25	54.89	+ 8	52.12	+10	57.36	+ 2
15	9.29	+ 3	2.84	+ 9	14.55	+13	54.62	+ 9	51.87	+ 8	57.26	+ 5
sec δ, tg δ	85° 52′ 0″		13.874	+13.838	88° 54′ 50″		52.756	+52.747	85° 21′ 50″		12.372	+12.332
	10		13.883	+13.847	60		52.891	+52.882	60		12.379	+12.339

Tag	51 Hev. Cephei $5^m.26$ AR.	☾ Gl.	Dekl.	☾ Gl.	1 Hev. Draconis $4^m.58$ AR.	☾ Gl.	Dekl.	☾ Gl.	ε Ursae minoris $4^m.40$ AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$7^h\ 7^m$	in ^{s} 0.01	+87° 10′	in ″ 0.01	$9^h 26^m$	in ^{s} 0.01	+81° 39′	in ″ 0.01	$16^h 53^m$	in ^{s} 0.01	+82° 9′	in ″ 0.01
Febr. 6	^{s}11.59	0	″7.89	+9	^{s}55.93	+4	″3.86	+5	^{s}19.78	+1	″20.20	−9
7	11.42	−5	8.19	+7	55.97	+2	4.17	+7	19.92	+2	20.01	−6
8	11.25	−8	8.48	+3	56.01	0	4.47	+7	20.06	+2	19.82	−2
9	11.06	−8	8.77	−1	56.05	−2	4.77	+5	20.21	+2	19.64	+2
10	10.86	−7	9.06	−5	56.08	−3	5.08	+2	20.35	+1	19.46	+5
11	10.66	−2	9.35	−8	56.11	−3	5.39	−2	20.50	−1	19.29	+7
12	10.45	+2	9.63	−9	56.13 56.15	−3 −1	5.70 6.02	−6 −9	20.65	−2	19.12	+8
13	10.23	+7	9.91	−9	56.17	+1	6.33	−10	20.80	−3	18.96	+6
14	10.00	+11	10.19	−7	56.18	+2	6.64	−9	20.95	−3	18.81	+4
15	9.77	+13	10.46	−3	56.20	+4	6.95	−7	21.10	−3	18.66	0
16	9.53	+13	10.73	0	56.21	+5	7.26	−4	21.25	−3	18.52	−3
17	9.29	+11	10.99	+4	56.21	+4	7.57	−1	21.41	−2	18.39	−6
18	9.04	+7	11.25	+6	56.22	+4	7.88	+3	21.57	−1	18.26	−8
19	8.78	+2	11.50	+8	56.22	+2	8.19	+6	21.72	+1	18.14	−8
20	8.51	−4	11.75	+9	56.22	+1	8.50	+9	21.88	+2	18.03	−7
21	8.24	−9	12.00	+8	56.21	−2	8.81	+10	22.04	+3	17.92	−5
22	7.96	−14	12.25	+5	56.20	−4	9.13	+9	22.20	+3	17.82	−2
23	7.67	−16	12.49	+2	56.19	−5	9.44	+7	22.36	+3	17.73	+2
24	7.38	−16	12.72	−2	56.17	−6	9.74	+4	22.52	+3	17.64	+6
25	7.08	−14	12.95	−6	56.16	−6	10.05	0	22.69	+2	17.56	+9
26	6.78	−9	13.18	−8	56.14	−5	10.36	−3	22.85	0	17.48	+10
27	6.47	−2	13.40	−9	56.12	−3	10.66	−6	23.01	−1	17.41	+9
28	6.15	+4	13.61	−7	56.09	0	10.97	−7	23.17	−2	17.35	+7
März 1	5.83	+9	13.82	−4	56.06	+2	11.27	−6	23.34	−2	17.30	+3
2	5.50	+11	14.02	+1	56.03	+4	11.58	−3	23.50	−2	17.25	−2
3	5.16	+11	14.22	+5	55.99	+5	11.88	0	23.66	−1	17.21	−6
4	4.82	+7	14.42	+8	55.95	+4	12.18	+4	23.83	0	17.17	−9
5	4.47	+2	14.61	+9	55.91	+3	12.47	+7	23.99	+1	17.14	−9
6	4.12	−3	14.79	+8	55.87	0	12.77	+8	24.16	+2	17.12	−8
7	3.77	−7	14.97	+5	55.82	−1	13.06	+6	24.32	+2	17.11	−4
8	3.42	−8	15.15	+1	55.77	−3	13.35	+3	24.48	+2	17.10	0
9	3.06	−7	15.32	−4	55.72	−3	13.64	−1	24.64	+1	17.10	+4
10	2.70	−4	15.48	−8	55.67	−3	13.92	−5	24.81	0	17.10	+7
11	2.33	0	15.64	−9	55.61	−2	14.20	−8	24.97	−2	17.11	+8
12	1.95	+6	15.79	−10	55.55	0	14.48	−10	25.13	−3	17.13	+7
13	1.57	+11	15.94	−8	55.48	+2	14.76	−10	25.29	−3	17.16	+5
14	1.19	+13	16.08	−5	55.42	+3	15.03	−9	25.45	−3	17.19	+1
15	0.80	+14	16.22	−1	55.35	+4	15.30	−6	25.62	−3	17.23	−2
sec δ, tg δ	87° 10′ 10″ 20		20.250 20.270	+20.225 +20.245	81° 39′ 0″ 10		6.886 6.888	+6.813 +6.815	82° 9′ 10″ 20		7.325 7.327	+7.256 +7.258

Tag	δ Ursae minoris $4^m.44$				λ Ursae minoris $6^m.55$				76 Draconis $5^m.69$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$17^h 55^m$	in s 0.01	+86° 36′	in ″ 0.01	$18^h 49^m$	in s 0.01	+89° 1′	in ″ 0.01	$20^h 47^m$	in s 0.01	+82° 15′	in ″ 0.01
Febr. 6	34.99	0	36.24	− 9	39.84	− 7	40.72	− 9	50.10	− 3	40.61	− 7
7	35.24	+ 4	35.99	− 7	40.45	+ 7	40.42	− 8	50.10	− 2	40.28	− 8
8	35.49	+ 5	35.74	− 4	41.07	+17	40.13	− 5	50.11	0	39.94	− 6
9	35.75	+ 6	35.50	+ 1	41.72	+22	39.84	− 1	50.12	+ 1	39.60	− 3
10	36.02	+ 4	35.26	+ 5	42.39	+20	39.56	+ 4	50.13	+ 2	39.27	+ 1
11	36.30	+ 1	35.02	+ 8	43.08	+11	39.28	+ 7	50.15	+ 3	38.93	+ 5
12	36.58	− 2	34.79	+ 9	43.79	+ 1	39.00	+ 9	50.17	+ 2	38.59	+ 8
13	36.86	− 5	34.56	+ 8	44.53	−13	38.73	+ 9	50.19	+ 1	38.26	+10
14	37.14	− 8	34.34	+ 6	45.28	−24	38.46	+ 8	50.22	0	37.92	+10
15	37.43	− 9	34.13	+ 3	46.05	−31	38.20	+ 5	50.25	− 1	37.59	+ 8
16	37.72	− 9	33.92	− 1	46.84	−33	37.94	+ 1	50.28	− 2	37.26	+ 5
17	38.02	− 7	33.72	− 4	47.66	−30	37.68	− 2	50.31	− 3	36.93	+ 1
18	38.32	− 4	33.52	− 7	48.49	−23	37.43	− 6	50.35	− 3	36.61	− 2
19	38.62	− 1	33.33	− 8	49.33	−11	37.18	− 8	50.39	− 3	36.28	− 6
20	38.93	+ 3	33.14	− 8	50.20	+ 3	36.94	− 9	50.43	− 2	35.96	− 8
21	39.25	+ 6	32.96	− 7	51.09	+17	36.70	− 8	50.48	− 1	35.63	−10
22	39.57	+ 9	32.78	− 4	51.99	+30	36.47	− 6	50.53	+ 1	35.31	− 9
23	39.89	+10	32.61	− 1	52.91	+39	36.24	− 3	50.58	+ 2	34.99	− 7
24	40.21	+10	32.45	+ 3	53.84	+42	36.02	+ 1	50.63	+ 3	34.67	− 4
25	40.54	+ 9	32.29	+ 7	54.79	+39	35.80	+ 5	50.69	+ 4	34.36	− 1
26	40.87	+ 5	32.13	+ 9	55.76	+28	35.58	+ 7	50.75	+ 4	34.05	+ 3
27	41.20	+ 1	31.98	+10	56.74	+14	35.37	+ 9	50.81	+ 3	33.74	+ 6
28	41.54	− 3	31.84	+ 8	57.74	− 3	35.17	+ 8	50.88	+ 2	33.44	+ 8
März 1	41.88	− 6	31.71	+ 4	58.75	−18	34.97	+ 5	50.95	0	33.14	+ 7
2	42.22	− 7	31.58	0	59.78	−27	34.78	+ 1	51.02	− 2	32.84	+ 4
3	42.57	− 6	31.46	− 5	60.82	−29	34.59	− 3	51.09	− 3	32.54	0
4	42.92	− 4	31.34	− 8	61.87	−23	34.41	− 7	51.17	− 4	32.25	− 4
5	43.27	− 1	31.23	−10	62.94	−11	34.23	− 9	51.25	− 3	31.96	− 7
6	43.62	+ 3	31.13	− 9	64.01	+ 2	34.06	− 9	51.33	− 2	31.67	− 8
7	43.97	+ 5	31.03	− 6	65.10	+14	33.89	− 7	51.42	− 1	31.39	− 7
8	44.32	+ 6	30.94	− 1	66.20	+20	33.73	− 2	51.50	+ 1	31.11	− 5
9	44.68	+ 5	30.85	+ 3	67.31	+20	33.57	+ 2	51.59	+ 2	30.84	− 1
10	45.04	+ 2	30.77	+ 7	68.44	+14	33.42	+ 6	51.68	+ 3	30.57	+ 4
11	45.39	− 1	30.70	+ 9	69.57	+ 3	33.28	+ 9	51.78	+ 3	30.30	+ 8
12	45.75	− 5	30.64	+ 9	70.71	−10	33.15	+10	51.88	+ 2	30.04	+10
13	46.11	− 8	30.58	+ 7	71.87	−23	33.02	+ 9	51.98	+ 1	29.78	+10
14	46.48	− 9	30.53	+ 4	73.03	−31	32.90	+ 6	52.09	− 1	29.53	+ 9
15	46.84	− 9	30.48	0	74.20	−35	32.78	+ 3	52.19	− 2	29.28	+ 7
sec δ, tg δ	86° 36′ 30″		16.903	+16.873	89° 1′ 30″		58.768	+58.759	82° 15′ 30″		7.424	+7.356
	40		16.917	+16.887	40		58.936	+58.927	40		7.426	+7.359

Tag	43 Hev. Cephei $4^m.52$				α Ursae minoris $2^m.12$				Grb 750 $6^m.70$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$0^h 58^m$	in ^{s} 0.01	$+85° 51'$	in $''$ 0.01	$1^h 34^m$	in ^{s} 0.01	$+88° 54'$	in $''$ 0.01	$4^h 12^m$	in ^{s} 0.01	$+85° 21'$	in $''$ 0.01
März 15	$9^s.29$	+ 3	$62''.84$	+ 9	$14^s.55$	+13	$54''.62$	+ 9	$51^s.87$	+ 8	$57''.26$	+ 5
16	9.19	0	62.55	+ 9	13.97	0	54.35	+ 9	51.63	+ 5	57.16	+ 7
17	9.09	− 4	62.25	+ 7	13.41	−13	54.07	+ 7	51.39	+ 2	57.05	+ 8
18	8.99	− 7	61.96	+ 4	12.87	−24	53.80	+ 5	51.15	− 2	56.93	+ 8
19	8.90	− 8	61.66	0	12.36	−31	53.52	+ 2	50.92	− 5	56.81	+ 6
20	8.82	− 9	61.36	− 4	11.86	−32	53.23	− 2	50.69	− 8	56.69	+ 3
21	8.74	− 8	61.06	− 7	11.38	−29	52.95	− 6	50.46	−10	56.56	0
22	8.67	− 5	60.75	−10	10.92	−20	52.66	− 9	50.23	−10	56.42	− 4
23	8.60	− 2	60.45	−11	10.48	− 8	52.37	−11	50.00	− 8	56.27	− 8
24	8.54	+ 2	60.14	−11	10.06	+ 7	52.08	−11	49.77	− 5	56.12	−10
25	8.49	+ 6	59.84	− 8	9.67	+19	51.79	− 9	49.55	− 2	55.97	−11
26	8.44	+ 8	59.53	− 4	9.30	+28	51.49	− 6	49.33	+ 2	55.81	− 9
27	8.39	+ 8	59.22	0	8.95	+29	51.19	− 1	49.12	+ 5	55.65	− 6
28	8.35	+ 6	58.91	+ 4	8.62	+23	50.89	+ 3	48.91	+ 6	55.48	− 1
29	8.32	+ 3	58.61	+ 6	8.31	+10	50.59	+ 6	48.70	+ 6	55.31	+ 3
30	8.30	− 2	58.30	+ 7	8.02	− 5	50.29	+ 7	48.49	+ 3	55.14	+ 7
31	8.28	− 6	57.99	+ 6	7.76	−20	49.99	+ 7	48.29	0	54.96	+ 9
April 1	8.26	− 8	57.68	+ 3	7.52	−30	49.68	+ 4	48.09	− 4	54.79	+ 8
2	8.25	− 9	57.37	− 1	7.29	−33	49.38	+ 1	47.89	− 6	54.60	+ 6
3	8.25	− 8	57.07	− 4	7.09	−28	49.07	− 3	47.70	− 7	54.40	+ 2
4	8.25	− 4	56.76	− 6	6.92	−16	48.77	− 5	47.51	− 6	54.20	− 2
5	8.26	0	56.45	− 6	6.76	0	48.46	− 6	47.32	− 3	54.00	− 5
6	8.28	+ 5	56.15	− 4	6.62	+17	48.15	− 5	47.14	0	53.79	− 7
7	8.30	+ 8	55.84	− 1	6.51	+30	47.84	− 3	46.96	+ 5	53.58	− 7
8	8.32	+10	55.54	+ 2	6.42	+34	47.54	+ 1	46.79	+ 8	53.36	− 5
9	8.35	+10	55.23	+ 6	6.35	+36	47.23	+ 4	46.62	+10	53.14	− 3
10	8.39	+ 8	54.92	+ 8	6.30	+30	46.92	+ 7	46.46	+10	52.91	+ 1
11	8.43	+ 5	54.61	+10	6.27	+19	46.62	+ 9	46.30	+ 9	52.68	+ 4
12	8.48	+ 1	54.31	+10	6.27	+ 6	46.31	+ 9	46.14	+ 7	52.45	+ 7
13	8.54	− 2	54.01	+ 8	6.28	− 8	46.01	+ 9	45.99	+ 4	52.21	+ 8
14	8.60	− 5	53.71	+ 5	6.32	−19	45.70	+ 6	45.84	0	51.97	+ 8
15	8.66	− 8	53.41	+ 2	6.38	−28	45.39	+ 3	45.69	− 4	51.73	+ 7
16	8.73	− 9	53.12	− 2	6.46	−32	45.08	0	45.55	− 7	51.49	+ 5
17	8.81	− 8	52.83	− 5	6.57	−30	44.78	− 4	45.41	− 9	51.24	+ 2
18	8.89	− 6	52.54	− 8	6.69	−23	44.48	− 8	45.28	− 9	50.99	− 2
19	8.97	− 3	52.25	−10	6.84	−12	44.18	−10	45.15	− 8	50.74	− 6
20	9.06	+ 1	51.97	−11	7.00	+ 2	43.88	−11	45.03	− 6	50.49	− 9
21	9.16	+ 5	51.68	− 9	7.19	+16	43.58	−10	44.91	− 3	50.23	−10

sec δ, tg δ									
	85° 51′ 50″	13.865	+13.828	88° 54′ 40″	52.622	+52.612	85° 21′ 50″	12.372	+12.332
	60	13.874	+13.838	50	52.756	+52.747	60	12.379	+12.339

Tag	51 Hev. Cephei $5^m.26$				1 Hev. Draconis $4^m.58$				ε Ursae minoris $4^m.40$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$7^h 6^m$	in s 0.01	+87° 10′	in ″ 0.01	$9^h 26^m$	in s 0.01	+81° 39′	in ″ 0.01	$16^h 53^m$	in s 0.01	+82° 9′	in ″ 0.01
März 15	60.80 s	+14	16.22 ″	− 1	55.35 s	+ 4	15.30 ″	− 6	25.62 s	− 3	17.23 ″	− 2
16	60.42	+12	16.35	+ 2	55.28	+ 5	15.57	− 2	25.78	− 2	17.27	− 5
17	60.03	+ 9	16.47	+ 5	55.21	+ 4	15.84	+ 1	25.93	− 1	17.32	− 7
18	59.64	+ 4	16.59	+ 8	55.13	+ 3	16.10	+ 5	26.09	0	17.38	− 8
19	59.25	− 1	16.70	+ 9	55.06	+ 1	16.36	+ 8	26.25	+ 1	17.44	− 8
20	58.86	− 7	16.81	+ 8	54.98	− 1	16.61	+ 9	26.40	+ 2	17.51	− 6
21	58.46	−12	16.91	+ 7	54.90	− 3	16.86	+ 9	26.56	+ 3	17.58	− 3
22	58.05	−15	17.00	+ 3	54.82	− 4	17.11	+ 9	26.71	+ 3	17.66	0
23	57.64	−16	17.09	0	54.73	− 6	17.35	+ 6	26.86	+ 3	17.75	+ 4
24	57.24	−15	17.17	− 4	54.64	− 6	17.59	+ 2	27.01	+ 2	17.84	+ 8
25	56.83	−11	17.25	− 7	54.55	− 5	17.83	− 2	27.17	+ 1	17.94	+10
26	56.42	− 5	17.32	− 9	54.46	− 3	18.06	− 5	27.32	0	18.05	+10
27	56.01	+ 1	17.39	− 8	54.37	− 1	18.29	− 7	27.46	− 1	18.17	+ 8
28	55.60	+ 7	17.45	− 5	54.28	+ 1	18.51	− 6	27.61	− 2	18.29	+ 5
29	55.19	+10	17.50	− 1	54.18	+ 3	18.73	− 4	27.76	− 2	18.41	0
30	54.78	+10	17.55	+ 4	54.08	+ 4	18.95	− 1	27.90	− 1	18.54	− 4
31	54.37	+ 8	17.59	+ 7	53.98	+ 4	19.16	+ 3	28.05	0	18.68	− 8
April 1	53.95	+ 3	17.62	+ 9	53.88	+ 3	19.37	+ 6	28.19	+ 1	18.82	− 9
2	53.54	− 2	17.65	+ 9	53.77	+ 1	19.57	+ 8	28.33	+ 2	18.97	− 8
3	53.12	− 6	17.67	+ 6	53.66	− 1	19.77	+ 7	28.47	+ 2	19.12	− 6
4	52.70	− 9	17.69	+ 2	53.56	− 3	19.96	+ 5	28.61	+ 2	19.28	− 1
5	52.29	− 8	17.70	− 2	53.45	− 3	20.15	+ 1	28.75	+ 2	19.45	+ 3
6	51.88	− 5	17.70	− 6	53.34	− 3	20.33	− 3	28.88	0	19.62	+ 6
7	51.47	− 1	17.70	− 9	53.23	− 2	20.51	− 7	29.02	− 1	19.79	+ 8
8	51.06	+ 5	17.69	−10	53.12	0	20.68	−10	29.15	− 2	19.97	+ 8
9	50.65	+ 9	17.68	− 9	53.01	+ 1	20.85	−11	29.28	− 3	20.16	+ 6
10	50.24	+13	17.66	− 6	52.89	+ 3	21.01	−10	29.40	− 4	20.35	+ 3
11	49.83	+14	17.63	− 3	52.77	+ 4	21.17	− 8	29.53	− 3	20.54	− 1
12	49.42	+14	17.60	+ 1	52.65	+ 5	21.33	− 4	29.66	− 3	20.74	− 4
13	49.01	+11	17.56	+ 4	52.53	+ 5	21.48	− 1	29.78	− 2	20.95	− 7
14	48.60	+ 7	17.52	+ 7	52.41	+ 4	21.62	+ 4	29.90	− 1	21.16	− 8
15	48.20	+ 2	17.47	+ 8	52.28	+ 2	21.75	+ 6	30.02	+ 1	21.38	− 8
16	47.80	− 4	17.41	+ 9	52.16	0	21.88	+ 9	30.14	+ 2	21.60	− 7
17	47.40	− 9	17.35	+ 7	52.04	− 2	22.01	+ 9	30.25	+ 3	21.82	− 5
18	47.01	−13	17.28	+ 5	51.92	− 4	22.13	+ 8	30.36	+ 3	22.04	− 1
19	46.62	−15	17.21	+ 1	51.79	− 5	22.24	+ 6	30.47	+ 3	22.27	+ 3
20	46.23	−15	17.13	− 3	51.67	− 6	22.35	+ 3	30.58	+ 2	22.50	+ 6
21	45.84	−12	17.04	− 6	51.54	− 6	22.45	− 1	30.68	+ 1	22.74	+ 9
sec δ, tg δ	87° 10′ 10″		20.250	+20.225	81° 39′ 10″		6.888	+6.815	82° 9′ 20″		7.327	+7.258
	20		20.270	+20.245	20		6.891	+6.818	30		7.329	+7.261

Tag	δ Ursae minoris $4^m.44$ AR.	☾ Gl.	Dekl.	☾ Gl.	λ Ursae minoris $6^m.55$ AR.	☾ Gl.	Dekl.	☾ Gl.	76 Draconis $5^m.69$ AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$17^h 55^m$	in ^{s} 0.01	+86° 36′	in ″ 0.01	$18^h 50^m$	in ^{s} 0.01	+89° 1′	in ″ 0.01	$20^h 47^m$	in ^{s} 0.01	+82° 15′	in ″ 0.01
März 15	$46^s.84$	− 9	30″.48	0	$14^s.20$	−35	32″.78	+ 3	$52^s.19$	− 2	29″.28	+ 7
16	47.21	− 8	30.44	− 3	15.37	−34	32.67	− 1	52.30	− 3	29.04	+ 3
17	47.57	− 6	30.41	− 6	16.55	−28	32.56	− 4	52.41	− 3	28.80	− 1
18	47.93	− 3	30.38	− 8	17.74	−17	32.46	− 7	52.52	− 3	28.56	− 4
19	48.29	+ 1	30.36	− 8	18.94	− 4	32.37	− 8	52.64	− 3	28.33	− 7
20	48.66	+ 4	30.35	− 8	20.14	+10	32.28	− 9	52.75	− 2	28.11	− 9
21	49.02	+ 8	30.34	− 6	21.34	+24	32.20	− 7	52.87	0	27.90	− 9
22	49.38	+10	30.34	− 2	22.55	+35	32.12	− 4	52.99	+ 1	27.69	− 8
23	49.75	+10	30.35	+ 2	23.77	+41	32.05	− 1	53.12	+ 3	27.48	− 6
24	50.11	+ 9	30.36	+ 5	24.98	+40	31.99	+ 3	53.24	+ 4	27.27	− 2
25	50.47	+ 7	30.38	+ 8	26.20	+33	31.93	+ 7	53.37	+ 4	27.07	+ 2
26	50.83	+ 3	30.40	+ 9	27.43	+20	31.88	+ 8	53.50	+ 4	26.88	+ 5
27	51.19	− 1	30.43	+ 9	28.65	+ 5	31.83	+ 9	53.63	+ 3	26.69	+ 7
28	51.55	− 4	30.47	+ 6	29.88	−11	31.79	+ 6	53.76	+ 1	26.51	+ 7
29	51.91	− 6	30.51	+ 1	31.11	−22	31.76	+ 3	53.89	− 1	26.33	+ 5
30	52.26	− 6	30.56	− 3	32.34	−26	31.73	− 2	54.02	− 2	26.16	+ 2
31	52.61	− 4	30.61	− 7	33.57	−23	31.71	− 6	54.16	− 3	26.00	− 2
April 1	52.96	− 1	30.67	− 9	34.80	−13	31.70	− 9	54.29	− 3	25.84	− 6
2	53.31	+ 2	30.74	− 9	36.03	0	31.69	− 9	54.43	− 3	25.69	− 8
3	53.66	+ 5	30.81	− 7	37.26	+12	31.69	− 8	54.57	− 1	25.54	− 8
4	54.01	+ 6	30.89	− 3	38.48	+21	31.69	− 4	54.71	+ 1	25.40	− 6
5	54.35	+ 6	30.98	+ 1	39.71	+23	31.70	0	54.85	+ 2	25.26	− 3
6	54.69	+ 3	31.07	+ 5	40.93	+18	31.72	+ 5	55.00	+ 3	25.13	+ 2
7	55.03	0	31.16	+ 8	42.15	+ 8	31.74	+ 8	55.14	+ 3	25.01	+ 6
8	55.36	− 4	31.26	+ 9	43.37	− 6	31.77	+10	55.29	+ 2	24.89	+ 9
9	55.69	− 7	31.37	+ 8	44.58	−19	31.81	+ 9	55.43	+ 1	24.78	+11
10	56.02	− 9	31.49	+ 5	45.79	−28	31.85	+ 7	55.58	0	24.67	+10
11	56.35	−10	31.61	+ 2	46.99	−36	31.90	+ 4	55.73	− 2	24.57	+ 8
12	56.68	− 9	31.74	− 2	48.19	−36	31.95	+ 1	55.88	− 3	24.48	+ 5
13	57.00	− 7	31.87	− 5	49.39	−32	32.01	− 3	56.04	− 3	24.39	+ 1
14	57.32	− 4	32.01	− 7	50.57	−23	32.08	− 6	56.19	− 3	24.31	− 3
15	57.64	− 1	32.15	− 8	51.75	−11	32.15	− 8	56.34	− 3	24.24	− 6
16	57.95	+ 3	32.30	− 8	52.92	+ 4	32.23	− 9	56.50	− 2	24.17	− 8
17	58.26	+ 6	32.45	− 7	54.09	+17	32.31	− 8	56.65	0	24.10	− 9
18	58.56	+ 9	32.61	− 4	55.25	+29	32.40	− 6	56.80	+ 1	24.04	− 9
19	58.86	+10	32.77	0	56.39	+37	32.49	− 2	56.96	+ 2	23.99	− 6
20	59.16	+ 9	32.94	+ 4	57.53	+39	32.59	+ 2	57.11	+ 3	23.95	− 3
21	59.45	+ 7	33.11	+ 8	58.66	+36	32.70	+ 6	57.27	+ 4	23.91	+ 1
sec δ, tg δ	86° 36′ 30″	16.903	+16.873		89° 1′ 30″	58.768	+58.759		82° 15′ 20″	7.421	+7.353	
	40	16.917	+16.887		40	58.936	+58.927		30	7.424	+7.356	

Tag	43 Hev. Cephei 4ᵐ.52				α Ursae minoris 2ᵐ.12				Grb 750 6ᵐ.70			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$0^h 58^m$	in 0.01 s	+85° 51′	in 0.01″	$1^h 34^m$	in 0.01 s	+88° 54′	in 0.01″	$4^h 12^m$	in 0.01 s	+85° 21′	in 0.01″
April 21	9.16	+ 5	51.68	− 9	7.19	+16	43.58	−10	44.91	− 3	50.23	−10
22	9.26	+ 7	51.40	− 6	7.40	+25	43.28	− 7	44.80	+ 1	49.96	−10
23	9.37	+ 8	51.12	− 2	7.62	+31	42.99	− 3	44.69	+ 4	49.70	− 7
24	9.48	+ 7	50.84	+ 2	7.87	+27	42.69	+ 1	44.58	+ 6	49.43	− 3
25	9.60	+ 4	50.57	+ 5	8.14	+16	42.40	+ 5	44.48	+ 6	49.16	+ 2
26	9.72	0	50.30	+ 7	8.43	+ 1	42.11	+ 7	44.39	+ 4	48.90	+ 6
27	9.85	− 5	50.04	+ 6	8.74	−16	41.82	+ 7	44.30	+ 1	48.63	+ 8
28	9.98	− 8	49.78	+ 3	9.07	−28	41.53	+ 5	44.21	− 3	48.35	+ 9
29	10.12	−10	49.52	0	9.42	−35	41.24	+ 2	44.13	− 6	48.08	+ 7
30	10.26	− 9	49.26	− 3	9.79	−33	40.96	− 2	44.06	− 8	47.81	+ 4
Mai 1	10.41	− 6	49.00	− 6	10.18	−23	40.68	− 5	43.99	− 8	47.53	0
2	10.56	− 2	48.75	− 7	10.59	− 7	40.40	− 7	43.92	− 5	47.25	− 4
3	10.72	+ 3	48.50	− 6	11.02	+ 9	40.12	− 6	43.86	− 2	46.96	− 7
4	10.88	+ 7	48.25	− 3	11.47	+25	39.85	− 4	43.80	+ 2	46.68	− 8
5	11.05	+ 9	48.01	+ 1	11.93	+34	39.58	− 1	43.75	+ 6	46.40	− 6
6	11.22	+10	47.77	+ 4	12.41	+37	39.31	+ 3	43.71	+ 9	46.12	− 4
7	11.39	+ 9	47.54	+ 8	12.92	+33	39.05	+ 6	43.67	+10	45.83	0
8	11.57	+ 6	47.31	+10	13.44	+24	38.79	+ 9	43.63	+10	45.55	+ 3
9	11.75	+ 3	47.09	+10	13.97	+11	38.53	+10	43.60	+ 8	45.26	+ 6
10	11.94	− 1	46.88	+ 9	14.53	− 3	38.28	+ 9	43.57	+ 5	44.98	+ 8
11	12.13	− 4	46.66	+ 7	15.11	−17	38.03	+ 8	43.54	+ 1	44.69	+ 9
12	12.33	− 7	46.45	+ 4	15.70	−25	37.78	+ 5	43.52	− 2	44.40	+ 8
13	12.53	− 8	46.24	0	16.31	−30	37.54	+ 1	43.51	− 5	44.11	+ 6
14	12.74	− 8	46.03	− 4	16.93	−31	37.30	− 3	43.50	− 8	43.82	+ 3
15	12.95	− 7	45.83	− 7	17.57	−26	37.07	− 6	43.50	− 9	43.53	− 1
16	13.16	− 4	45.64	− 9	18.23	−16	36.84	− 9	43.51	− 9	43.24	− 4
17	13.37	0	45.45	−10	18.90	− 2	36.61	−10	43.52	− 7	42.95	− 8
18	13.59	+ 3	45.26	− 9	19.59	+11	36.38	−10	43.54	− 4	42.67	−10
19	13.81	+ 7	45.08	− 7	20.30	+23	36.16	− 8	43.56	0	42.38	−10
20	14.04	+ 8	44.91	− 3	21.02	+30	35.94	− 4	43.58	+ 4	42.09	− 8
21	14.27	+ 8	44.74	+ 1	21.76	+30	35.73	0	43.61	+ 6	41.80	− 5
22	14.51	+ 6	44.57	+ 5	22.51	+22	35.52	+ 4	43.64	+ 7	41.51	0
23	14.75	+ 2	44.41	+ 7	23.28	+ 8	35.31	+ 7	43.68	+ 6	41.22	+ 4
24	14.99	− 3	44.25	+ 7	24.06	− 9	35.11	+ 7	43.72	+ 3	40.94	+ 8
25	15.23	− 7	44.10	+ 5	24.86	−24	34.91	+ 6	43.77	− 1	40.65	+ 9
26	15.48	− 9	43.96	+ 1	25.67	−33	34.72	+ 3	43.82	− 5	40.37	+ 8
27	15.73	−10	43.82	− 3	26.50	−35	34.53	− 1	43.88	− 8	40.08	+ 5
28	15.98	− 8	43.68	− 6	27.33	−29	34.35	− 4	43.95	− 8	39.80	+ 1
sec δ, tg δ	85° 51′ 40″	13.855	+13.819		88° 54′ 30″	52.488	+52.478		85° 21′ 40″	12.365	+12.324	
	50	13.865	+13.828		40	52.622	+52.612		50	12.372	+12.332	

Tag	51 Hev. Cephei $5^m.26$				I Hev. Draconis $4^m.58$				ε Ursae minoris $4^m.40$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$7^h\ 6^m$	in ^{s} 0.01	+87° 10′	in ″ 0.01	$9^h\ 26^m$	in ^{s} 0.01	+81° 39′	in ″ 0.01	$16^h\ 53^m$	in ^{s} 0.01	+82° 9′	in ″ 0.01
April 21	$45^s.84$	−12	17″.04	− 6	$51^s.54$	− 6	22″.45	− 1	$30^s.68$	+ 1	22″.74	+ 9
22	45.45	− 7	16.95	− 8	51.42	− 4	22.55	− 4	30.78	0	22.99	+10
23	45.07	− 1	16.85	− 9	51.29	− 2	22.64	− 7	30.88	− 1	23.24	+ 9
24	44.69	+ 5	16.75	− 6	51.16	0	22.73	− 7	30.98	− 2	23.49	+ 6
25	44.31	+ 9	16.65	− 3	51.03	+ 2	22.81	− 5	31.08	− 2	23.74	+ 2
26	43.94	+10	16.54	+ 2	50.91	+ 4	22.89	− 2	31.17	− 2	24.00	− 3
27	43.57	+ 8	16.42	+ 6	50.78	+ 4	22.96	+ 2	31.26	− 1	24.26	− 7
28	43.21	+ 4	16.30	+ 9	50.65	+ 3	23.02	+ 6	31.35	0	24.52	− 9
29	42.85	− 1	16.17	+10	50.52	+ 2	23.08	+ 8	31.43	+ 2	24.78	− 9
30	42.50	− 6	16.04	+ 8	50.39	0	23.13	+ 9	31.51	+ 2	25.05	− 7
Mai 1	42.15	− 9	15.90	+ 5	50.26	− 2	23.18	+ 7	31.59	+ 3	25.32	− 3
2	41.80	−10	15.75	0	50.13	− 3	23.22	+ 3	31.67	+ 2	25.60	+ 1
3	41.45	− 8	15.60	− 4	50.00	− 4	23.26	− 1	31.74	+ 1	25.88	+ 5
4	41.11	− 3	15.45	− 8	49.87	− 3	23.29	− 5	31.81	0	26.16	+ 7
5	40.78	+ 2	15.29	−10	49.74	− 1	23.31	− 9	31.88	− 2	26.45	+ 8
6	40.45	+ 8	15.13	−10	49.61	+ 1	23.33	−11	31.95	− 3	26.73	+ 7
7	40.13	+12	14.96	− 8	49.48	+ 3	23.34	−11	32.01	− 4	27.02	+ 4
8	39.81	+14	14.79	− 4	49.35	+ 4	23.35	− 9	32.07	− 4	27.31	+ 1
9	39.50	+15	14.62	− 1	49.22	+ 5	23.35	− 6	32.13	− 3	27.60	− 3
10	39.19	+13	14.44	+ 3	49.09	+ 5	23.35	− 2	32.19	− 2	27.89	− 6
11	38.89	+ 9	14.25	+ 6	48.96	+ 4	23.34	+ 2	32.24	− 1	28.19	− 8
12	38.59	+ 4	14.06	+ 8	48.84	+ 3	23.33	+ 5	32.29	0	28.49	− 8
13	38.30	− 1	13.86	+ 9	48.71	+ 1	23.31	+ 8	32.34	+ 1	28.79	− 8
14	38.01	− 7	13.66	+ 8	48.58	− 1	23.28	+ 9	32.39	+ 2	29.09	− 6
15	37.73	−11	13.46	+ 6	48.46	− 3	23.25	+ 9	32.43	+ 3	29.40	− 3
16	37.46	−14	13.25	+ 2	48.33	− 5	23.21	+ 7	32.47	+ 3	29.70	+ 1
17	37.19	−15	13.04	− 2	48.20	− 6	23.17	+ 4	32.51	+ 3	30.01	+ 5
18	36.93	−13	12.83	− 5	48.08	− 6	23.12	0	32.54	+ 2	30.31	+ 8
19	36.67	− 9	12.61	− 8	47.95	− 5	23.06	− 3	32.57	0	30.62	+10
20	36.42	− 3	12.39	− 9	47.83	− 3	23.00	− 6	32.60	− 1	30.93	+10
21	36.17	+ 3	12.16	− 8	47.70	0	22.93	− 7	32.63	− 2	31.24	+ 8
22	35.93	+ 8	11.93	− 4	47.58	+ 2	22.86	− 6	32.65	− 2	31.55	+ 4
23	35.70	+10	11.69	0	47.46	+ 4	22.78	− 4	32.67	− 2	31.87	− 1
24	35.48	+10	11.45	+ 4	47.34	+ 4	22.70	0	32.69	− 1	32.18	− 5
25	35.26	+ 6	11.21	+ 8	47.22	+ 4	22.61	+ 5	32.71	0	32.49	− 8
26	35.05	+ 1	10.96	+10	47.10	+ 2	22.52	+ 8	32.72	+ 1	32.81	− 9
27	34.84	− 5	10.72	+ 9	46.99	0	22.42	+ 9	32.73	+ 2	33.12	− 8
28	34.64	− 9	10.47	+ 6	46.87	− 2	22.31	+ 8	32.74	+ 3	33.43	− 5
sec δ, tg δ	87° 10′ 10″	20.250	+20.225		81° 39′ 20″	6.891	+6.818		82° 9′ 20″	7.327	+7.258	
	20	20.270	+20.245		30	6.893	+6.820		30	7.329	+7.261	

Tag	δ Ursae minoris $4^m.44$				λ Ursae minoris $6^m.55$				76 Draconis $5^m.69$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$17^h 55^m$ s	in s 0.01	+86° 36′ ″	in ″ 0.01	$18^h 50^m$ s	in s 0.01	+89° 1′ ″	in ″ 0.01	$20^h 47^m$ s	in s 0.01	+82° 15′ ″	in ″ 0.01
April 21	59.45	+ 7	33.11	+ 8	58.66	+36	32.70	+ 6	57.27	+ 4	23.91	+ 1
22	59.74	+ 4	33.29	+ 9	59.78	+24	32.81	+ 8	57.43	+ 4	23.88	+ 4
23	60.03	0	33.47	+ 9	60.90	+10	32.93	+ 9	57.59	+ 3	23.86	+ 7
24	60.31	− 3	33.66	+ 7	62.00	− 5	33.05	+ 8	57.75	+ 2	23.84	+ 8
25	60.59	− 5	33.85	+ 3	63.08	−18	33.18	+ 4	57.91	0	23.83	+ 6
26	60.86	− 6	34.05	− 1	64.16	−25	33.31	0	58.06	− 2	23.82	+ 3
27	61.13	− 5	34.25	− 6	65.23	−24	33.45	− 4	58.22	− 3	23.82	− 1
28	61.39	− 2	34.46	− 9	66.29	−16	33.60	− 8	58.38	− 3	23.83	− 5
29	61.65	+ 1	34.67	−10	67.33	− 3	33.75	−10	58.54	− 3	23.84	− 8
30	61.90	+ 5	34.88	− 8	68.36	+10	33.90	− 9	58.69	− 2	23.86	− 9
Mai 1	62.15	+ 7	35.10	− 5	69.37	+21	34.06	− 6	58.85	0	23.88	− 8
2	62.40	+ 7	35.33	0	70.37	+26	34.23	− 2	59.01	+ 1	23.91	− 5
3	62.64	+ 5	35.56	+ 4	71.36	+23	34.40	+ 3	59.16	+ 2	23.95	0
4	62.87	+ 2	35.79	+ 7	72.34	+14	34.57	+ 6	59.32	+ 3	23.99	+ 4
5	63.10	− 2	36.02	+ 9	73.30	+ 1	34.75	+ 9	59.47	+ 3	24.04	+ 8
6	63.32	− 6	36.26	+ 8	74.25	−14	34.93	+10	59.63	+ 1	24.10	+10
7	63.54	− 8	36.50	+ 6	75.19	−26	35.12	+ 8	59.78	0	24.16	+11
8	63.75	−10	36.75	+ 3	76.11	−35	35.31	+ 6	59.94	− 1	24.23	+ 9
9	63.96	−10	37.00	0	77.01	−38	35.51	+ 2	60.09	− 2	24.30	+ 6
10	64.16	− 8	37.25	− 4	77.90	−36	35.71	− 2	60.25	− 3	24.38	+ 3
11	64.35	− 6	37.51	− 7	78.77	−28	35.92	− 5	60.40	− 3	24.46	− 1
12	64.54	− 2	37.77	− 8	79.63	−18	36.13	− 7	60.55	− 3	24.55	− 5
13	64.72	+ 1	38.04	− 8	80.47	− 3	36.34	− 8	60.70	− 2	24.65	− 7
14	64.89	+ 5	38.31	− 7	81.29	+11	36.56	− 8	60.86	− 1	24.76	− 9
15	65.06	+ 7	38.58	− 5	82.09	+24	36.78	− 6	61.01	0	24.87	− 9
16	65.23	+ 9	38.85	− 1	82.88	+33	37.01	− 3	61.15	+ 2	24.98	− 7
17	65.39	+ 9	39.12	+ 3	83.65	+38	37.24	0	61.30	+ 3	25.10	− 4
18	65.54	+ 8	39.40	+ 6	84.40	+36	37.47	+ 4	61.45	+ 4	25.23	− 1
19	65.69	+ 5	39.68	+ 9	85.13	+27	37.71	+ 7	61.59	+ 4	25.36	+ 3
20	65.83	+ 1	39.96	+10	85.84	+14	37.95	+ 9	61.74	+ 3	25.49	+ 6
21	65.96	− 2	40.24	+ 8	86.54	− 1	38.20	+ 9	61.88	+ 2	25.63	+ 8
22	66.09	− 5	40.53	+ 5	87.22	−15	38.45	+ 6	62.03	0	25.78	+ 7
23	66.21	− 6	40.82	+ 1	87.88	−24	38.71	+ 2	62.17	− 1	25.93	+ 5
24	66.32	− 6	41.11	− 4	88.51	−26	38.96	− 2	62.31	− 3	26.09	+ 1
25	66.43	− 3	41.41	− 8	89.13	−20	39.22	− 7	62.45	− 3	26.26	− 4
26	66.54	0	41.70	−10	89.73	− 8	39.48	− 9	62.59	− 3	26.43	− 7
27	66.64	+ 4	42.00	− 9	90.31	+ 6	39.75	−10	62.72	− 2	26.60	− 9
28	66.73	+ 7	42.29	− 6	90.86	+19	40.01	− 8	62.86	− 1	26.78	− 9
sec δ, tg δ	86° 36′ 30″	16.903	+16.873		89° 1′ 30″	58.768	+58.759		82° 15′ 20″	7.421	+7.353	
	40	16.917	+16.887		40	58.936	+58.927		30	7.424	+7.356	

Tag	43 Hev. Cephei $4^m.52$				α Ursae minoris $2^m.12$				Grb 750 $6^m.70$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$0^h 58^m$	in $0^s.01$	+85° 51′	in 0″.01	$1^h 34^m$	in $0^s.01$	+88° 54′	in 0″.01	$4^h 12^m$	in $0^s.01$	+85° 21′	in 0″.01
Mai 28	$15^s.98$	− 8	43″.68	− 6	$27^s.33$	−29	34″.35	− 4	$43^s.95$	− 8	39″.80	+ 1
29	16.23	− 4	43.55	− 7	28.18	−15	34.17	− 7	44.02	− 7	39.52	− 3
30	16.49	+ 1	43.42	− 7	29.04	+ 1	33.99	− 7	44.09	− 4	39.24	− 6
31	16.75	+ 5	43.30	− 5	29.91	+18	33.82	− 6	44.17	0	38.96	− 8
Juni 1	17.02	+ 8	43.18	− 2	30.80	+30	33.66	− 3	44.25	+ 4	38.68	− 7
2	17.28	+10	43.07	+ 2	31.70	+38	33.50	+ 1	44.34	+ 8	38.41	− 5
3	17.55	+ 9	42.97	+ 6	32.61	+35	33.34	+ 5	44.43	+10	38.13	− 2
4	17.82	+ 7	42.87	+ 9	33.53	+28	33.19	+ 8	44.53	+10	37.86	+ 1
5	18.09	+ 4	42.77	+10	34.46	+17	33.04	+ 9	44.63	+ 9	37.59	+ 5
6	18.37	0	42.68	+10	35.41	+ 2	32.90	+ 9	44.73	+ 6	37.32	+ 8
7	18.64	− 3	42.60	+ 8	36.36	−11	32.76	+ 8	44.84	+ 3	37.06	+ 9
8	18.92	− 6	42.52	+ 5	37.33	−22	32.63	+ 6	44.95	− 1	36.79	+ 9
9	19.20	− 8	42.44	+ 1	38.31	−29	32.51	+ 3	45.07	− 4	36.53	+ 7
10	19.49	− 8	42.37	− 2	39.29	−31	32.39	− 1	45.20	− 7	36.27	+ 4
11	19.77	− 7	42.31	− 6	40.28	−28	32.27	− 5	45.33	− 9	36.01	+ 1
12	20.06	− 5	42.25	− 9	41.29	−20	32.16	− 8	45.46	− 9	35.75	− 3
13	20.35	− 2	42.20	−10	42.30	− 8	32.06	−10	45.60	− 7	35.50	− 7
14	20.64	+ 2	42.15	− 9	43.32	+ 6	31.96	−10	45.74	− 5	35.25	− 9
15	20.93	+ 6	42.11	− 7	44.35	+19	31.86	− 8	45.89	− 1	35.00	−10
16	21.22	+ 8	42.08	− 4	45.39	+29	31.77	− 5	46.04	+ 3	34.76	− 9
17	21.51	+ 9	42.05	0	46.43	+32	31.69	− 1	46.19	+ 5	34.52	− 6
18	21.81	+ 7	42.03	+ 4	47.48	+27	31.61	+ 3	46.34	+ 7	34.28	− 2
19	22.10	+ 4	42.01	+ 7	48.54	+15	31.54	+ 6	46.50	+ 7	34.04	+ 3
20	22.40	0	42.00	+ 8	49.61	− 1	31.47	+ 8	46.67	+ 4	33.80	+ 7
21	22.70	− 5	42.00	+ 6	50.68	−17	31.41	+ 7	46.84	+ 1	33.57	+ 9
22	22.99	− 8	42.00	+ 3	51.76	−30	31.35	+ 5	47.01	− 3	33.34	+ 9
23	23.29	−10	42.00	0	52.84	−36	31.30	+ 1	47.19	− 6	33.12	+ 7
24	23.59	− 9	42.01	− 4	53.93	−32	31.25	− 3	47.37	− 8	32.90	+ 3
25	23.89	− 6	42.03	− 7	55.03	−22	31.21	− 6	47.55	− 8	32.68	− 2
26	24.19	− 1	42.05	− 8	56.13	− 6	31.17	− 8	47.74	− 6	32.46	− 5
27	24.49	+ 3	42.07	− 7	57.23	+11	31.14	− 7	47.93	− 2	32.25	− 8
28	24.79	+ 7	42.10	− 3	58.34	+25	31.12	− 5	48.12	+ 2	32.04	− 8
29	25.09	+ 9	42.14	0	59.45	+34	31.10	− 1	48.32	+ 6	31.84	− 7
30	25.40	+10	42.18	+ 4	60.57	+35	31.08	+ 3	48.52	+ 9	31.64	− 4
Juli 1	25.70	+ 8	42.23	+ 7	61.69	+31	31.07	+ 6	48.73	+10	31.44	0
2	26.00	+ 5	42.29	+ 9	62.82	+21	31.07	+ 8	48.94	+ 9	31.24	+ 3
3	26.30	+ 2	42.35	+10	63.94	+ 7	31.07	+ 9	49.15	+ 7	31.05	+ 6
4	26.60	− 2	42.41	+ 9	65.07	− 7	31.08	+ 9	49.37	+ 4	30.86	+ 8
sec δ, tg δ	85° 51′ 40″ 50	13.855 13.865	+13.819 +13.828		88° 54′ 30″ 40	52.488 52.622	+52.478 +52.612		85° 21′ 30″ 40	12.357 12.365	+12.317 +12.324	

Tag	51 Hev. Cephei $5^m.26$ AR.	☾ Gl.	Dekl.	☾ Gl.	1 Hev. Draconis $4^m.58$ AR.	☾ Gl.	Dekl.	☾ Gl.	ε Ursae minoris $4^m.40$ AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$7^h\ 6^m$	in ^{s} 0.01	+87° 9′	in ″ 0.01	$9^h\ 26^m$	in ^{s} 0.01	+81° 39′	in ″ 0.01	$16^h\ 53^m$	in ^{s} 0.01	+82° 9′	in ″ 0.01
Mai 28	$34^s.64$	− 9	70″.47	+ 6	$46^s.87$	− 2	22″.31	+ 8	$32^s.74$	+ 3	33″.43	− 5
29	34.45	−11	70.22	+ 1	46.75	− 3	22.20	+ 6	32.74	+ 3	33.75	0
30	34.26	−10	69.96	− 3	46.64	− 4	22.09	+ 1	32.74	+ 2	34.06	+ 4
31	34.08	− 6	69.70	− 7	46.53	− 4	21.97	− 3	32.74	+ 1	34.38	+ 7
Juni 1	33.91	− 1	69.43	− 9	46.42	− 2	21.84	− 7	32.73	− 1	34.70	+ 8
2	33.74	+ 5	69.16	−10	46.31	0	21.71	−10	32.72	− 2	35.01	+ 8
3	33.58	+10	68.89	− 8	46.20	+ 2	21.57	−10	32.71	− 3	35.32	+ 5
4	33.43	+13	68.62	− 6	46.09	+ 4	21.43	−10	32.70	− 4	35.64	+ 2
5	33.29	+15	68.35	− 2	45.98	+ 5	21.29	− 7	{ 32.68 { 32.66	− 3 − 3	35.95 36.26	− 1 } − 5 }
6	33.15	+14	68.08	+ 2	45.88	+ 5	21.14	− 3	32.64	− 1	36.57	− 7
7	33.02	+11	67.80	+ 5	45.77	+ 5	20.99	0	32.62	0	36.88	− 9
8	32.90	+ 6	67.52	+ 7	45.67	+ 4	20.83	+ 4	32.59	+ 1	37.18	− 8
9	32.79	+ 1	67.24	+ 9	45.57	+ 2	20.67	+ 7	32.56	+ 2	37.49	− 7
10	32.68	− 5	66.95	+ 8	45.47	0	20.50	+ 8	32.53	+ 3	37.80	− 4
11	32.58	−10	66.66	+ 6	45.37	− 2	20.33	+ 9	32.49	+ 3	38.11	0
12	32.49	−13	66.37	+ 3	45.27	− 4	20.15	+ 8	32.45	+ 3	38.41	+ 3
13	32.41	−15	66.08	0	45.18	− 5	19.97	+ 5	32.41	+ 2	38.71	+ 7
14	32.33	−14	65.79	− 4	45.09	− 6	19.78	+ 1	32.37	+ 1	39.01	+ 9
15	32.26	−10	65.50	− 7	45.00	− 5	19.59	− 2	32.32	0	39.31	+10
16	32.20	− 5	65.20	− 9	44.91	− 3	19.39	− 6	32.27	− 1	39.61	+ 9
17	32.14	+ 1	64.90	− 9	44.82	− 1	19.19	− 7	32.22	− 2	39.91	+ 5
18	32.09	+ 7	64.61	− 6	44.73	+ 1	18.99	− 8	32.17	− 2	40.20	+ 1
19	32.05	+10	64.31	− 2	44.65	+ 3	18.78	− 5	32.11	− 2	40.49	− 4
20	32.02	+11	64.01	+ 2	44.57	+ 4	18.57	− 2	32.05	− 1	40.78	− 7
21	31.99	+ 9	63.70	+ 7	44.49	+ 4	18.35	+ 2	31.98	0	41.07	− 9
22	31.97	+ 4	63.40	+ 9	44.41	+ 3	18.13	+ 6	31.92	+ 2	41.36	− 9
23	31.96	− 2	63.09	+10	44.33	+ 1	17.90	+ 9	31.85	+ 3	41.64	− 6
24	31.96	− 7	62.79	+ 8	44.25	− 1	17.67	+ 9	31.78	+ 3	41.92	− 2
25	31.97	−11	62.48	+ 4	44.18	− 3	17.44	+ 7	31.71	+ 2	42.20	+ 2
26	31.98	−11	62.18	− 1	44.11	− 4	17.21	+ 3	31.63	+ 1	42.48	+ 6
27	32.00	− 9	61.87	− 5	44.04	− 4	16.97	− 1	31.56	0	42.75	+ 8
28	32.03	− 4	61.57	− 8	43.97	− 3	16.73	− 5	31.48	− 2	43.02	+ 8
29	32.06	+ 2	61.26	−10	43.90	− 1	16.48	− 9	31.40	− 3	43.29	+ 7
30	32.10	+ 7	60.95	− 9	43.84	+ 1	16.23	−10	31.31	− 3	43.56	+ 3
Juli 1	32.15	+12	60.64	− 7	43.78	+ 3	15.97	−10	31.23	− 3	43.82	0
2	32.21	+14	60.33	− 3	43.72	+ 4	15.71	− 8	31.14	− 3	44.08	− 4
3	32.28	+14	60.02	0	43.66	+ 5	15.45	− 5	31.05	− 2	44.34	− 6
4	32.35	+12	59.71	+ 4	43.61	+ 5	15.19	− 1	30.95	− 1	44.59	− 8

sec δ, tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
	87° 9′ 60″	20.230	+20.206	81° 39′ 10″	6.888	+6.815	82° 9′ 30″	7.329	+7.261
	70	20.250	+20.225	20	6.891	+6.818	40	7.332	+7.264

Tag	δ Ursae minoris $4^m.44$				λ Ursae minoris $6^m.55$				76 Draconis $5^m.69$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$17^h 56^m$	in ^{s} 0.01	+86° 36′	in ″ 0.01	$18^h 51^m$	in ^{s} 0.01	+89° 1′	in ″ 0.01	$20^h 48^m$	in ^{s} 0.01	+82° 15′	in ″ 0.01
Mai 28	$6^s.73$	+ 7	42″.29	− 6	$30^s.86$	+19	40″.01	− 8	$2^s.86$	− 1	26″.78	− 9
29	6.82	+ 8	42.59	− 2	31.40	+27	40.28	− 4	2.99	+ 1	26.97	− 7
30	6.90	+ 7	42.89	+ 2	31.93	+28	40.56	+ 1	3.12	+ 2	27.16	− 3
31	6.97	+ 4	43.19	+ 6	32.43	+22	40.83	+ 5	3.25	+ 3	27.35	+ 2
Juni 1	7.04	0	43.50	+ 9	32.91	+ 9	41.11	+ 8	3.38	+ 3	27.55	+ 6
2	7.10	− 4	43.81	+ 9	33.37	− 6	41.39	+10	3.51	+ 2	27.76	+ 9
3	7.15	− 7	44.12	+ 8	33.81	−20	41.67	+ 9	3.63	+ 1	27.97	+10
4	7.20	− 9	44.43	+ 5	34.23	−31	41.95	+ 7	3.76	− 1	28.18	+10
5	7.24	−10	44.73	+ 1	34.62	−37	42.24	+ 3	3.88	− 2	28.40	+ 7
6	7.28	− 9	45.04	− 3	35.00	−37	42.53	− 1	4.00	− 3	28.62	+ 4
7	7.31	− 7	45.35	− 6	35.35	−32	42.82	− 4	4.12	− 3	28.85	0
8	7.33	− 4	45.66	− 8	35.68	−22	43.12	− 7	4.23	− 3	29.08	− 4
9	7.34	0	45.96	− 9	35.99	− 8	43.41	− 9	4.35	− 3	29.31	− 6
10	7.35	+ 3	46.27	− 8	36.28	+ 6	43.71	− 8	4.46	− 2	29.55	− 8
11	7.35	+ 6	46.58	− 6	36.55	+19	44.01	− 7	4.57	0	29.80	− 9
12	7.35	+ 9	46.90	− 3	36.80	+30	44.31	− 5	4.68	+ 1	30.05	− 8
13	7.34	+ 9	47.21	+ 1	37.02	+36	44.61	− 1	4.79	+ 2	30.30	− 6
14	7.32	+ 8	47.52	+ 5	37.23	+37	44.91	+ 3	4.89	+ 3	30.56	− 2
15	7.30	+ 6	47.83	+ 8	37.41	+30	45.22	+ 6	4.99	+ 4	30.82	+ 2
16	7.27	+ 3	48.15	+10	37.57	+19	45.53	+ 9	5.09	+ 4	31.08	+ 5
17	7.23	− 1	48.46	+ 9	37.70	+ 3	45.84	+ 9	5.19	+ 3	31.35	+ 8
18	7.19	− 5	48.77	+ 7	37.82	−12	46.15	+ 7	5.29	+ 1	31.62	+ 8
19	7.14	− 7	49.08	+ 3	37.91	−23	46.46	+ 4	5.39	− 1	31.90	+ 6
20	7.08	− 7	49.39	− 2	37.98	−29	46.77	− 1	5.48	− 2	32.18	+ 3
21	{7.02 {6.95	− 5 − 2	49.70 50.01	− 6} − 9}	38.03	−26	47.08	− 5	5.57	− 3	32.46	− 2
22	6.87	+ 2	50.32	−10	38.05	−16	47.40	− 8	5.66	− 3	32.75	− 6
23	6.79	+ 5	50.63	− 8	38.05	− 1	47.71	−10	5.75	− 3	33.04	− 9
24	6.70	+ 7	50.94	− 4	38.03	+13	48.03	− 9	5.83	− 1	33.34	−10
25	6.60	+ 8	51.25	0	37.99	+25	48.34	− 6	5.91	0	33.63	− 8
26	6.50	+ 6	51.55	+ 5	37.93	+29	48.66	− 1	5.99	+ 2	33.93	− 5
27	6.40	+ 2	51.86	+ 8	37.84	+26	48.97	+ 3	6.06	+ 3	34.23	0
28	6.29	− 2	52.16	+ 9	37.73	+17	49.29	+ 7	6.13	+ 3	34.53	+ 4
29	6.17	− 5	52.46	+ 8	37.60	+ 2	49.60	+ 9	6.20	+ 3	34.83	+ 8
30	6.04	− 8	52.76	+ 6	37.45	−13	49.92	+ 9	6.27	+ 2	35.14	+10
Juli 1	5.90	−10	53.06	+ 3	37.28	−26	50.24	+ 8	6.34	0	35.46	+10
2	5.76	− 9	53.36	− 1	37.08	−34	50.55	+ 5	6.40	− 1	35.77	+ 8
3	5.62	− 8	53.65	− 5	36.86	−37	50.87	+ 1	6.46	− 2	36.09	+ 5
4	5.48	− 5	53.95	− 7	36.62	−34	51.18	− 3	6.52	− 3	36.41	+ 2

sec δ, tg δ									
	86° 36′ 40″	16.917	+16.887	89° 1′ 40″	58.936	+58.927	82° 15′ 30″	7.424	+7.356
	50	16.931	+16.901	50	59.104	+59.096	40	7.426	+7.359

Tag	43 Hev. Cephei $4^m.52$				α Ursae minoris $2^m.12$				Grb 750 $6^m.70$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$0^h 58^m$	in ^{s} 0.01	+85° 51′	in ″ 0.01	$1^h 35^m$	in ^{s} 0.01	+88° 54′	in ″ 0.01	$4^h 12^m$	in ^{s} 0.01	+85° 21′	in ″ 0.01
Juli 4	^{s}26.60	− 2	″42.41	+ 9	^{s}5.07	− 7	″31.08	+ 9	^{s}49.37	+ 4	″30.86	+ 8
5	26.90	− 5	42.48	+ 6	6.20	−18	31.09	+ 7	49.59	0	30.68	+ 9
6	27.20	− 7	42.56	+ 3	7.34	−27	31.11	+ 4	49.81	− 3	30.50	+ 8
7	27.50	− 8	42.64	− 1	8.48	−31	31.13	0	50.04	− 6	30.33	+ 5
8	27.80	− 8	42.72	− 5	9.62	−30	31.16	− 4	50.27	− 8	30.16	+ 2
9	28.10	− 6	42.81	− 8	10.76	−24	31.20	− 7	50.50	− 9	29.99	− 2
10	28.40	− 3	42.91	−10	11.90	−13	31.24	− 9	50.74	− 8	29.82	− 5
11	28.70	+ 1	43.01	−10	13.05	+ 1	31.28	−10	50.98	− 6	29.66	− 8
12	29.00	+ 4	43.12	− 9	14.19	+14	31.33	− 9	51.22	− 3	29.51	−10
13	29.30	+ 7	43.23	− 6	15.34	+26	31.39	− 7	51.46	+ 1	29.36	−10
14	29.59	+ 8	43.35	− 2	16.48	+31	31.45	− 3	51.71	+ 4	29.21	− 7
15	29.89	+ 8	43.47	+ 3	17.63	+30	31.52	+ 1	51.96	+ 7	29.06	− 4
16	30.19	+ 5	43.60	+ 6	18.77	+20	31.59	+ 6	52.21	+ 7	28.92	+ 1
17	30.48	+ 1	43.74	+ 8	19.91	+ 6	31.67	+ 8	52.47	+ 6	28.79	+ 5
18	30.77	− 3	43.88	+ 8	21.05	−10	31.75	+ 8	52.73	+ 3	28.66	+ 9
19	31.06	− 7	44.02	+ 5	22.19	−25	31.84	+ 6	52.99	− 1	28.53	+10
20	31.35	− 9	44.17	+ 2	23.33	−34	31.93	+ 3	53.25	− 5	28.41	+ 8
21	31.64	− 9	44.33	− 2	24.46	−34	32.03	− 1	53.52	− 7	28.29	+ 5
22	31.93	− 7	44.49	− 6	25.59	−26	32.13	− 5	53.79	− 8	28.18	+ 1
23	32.22	− 3	44.66	− 7	26.72	−12	32.24	− 7	54.06	− 6	28.07	− 4
24	32.50	+ 2	44.83	− 7	27.85	+ 5	32.36	− 7	54.33	− 3	27.97	− 7
25	32.79	+ 6	45.01	− 5	28.98	+21	32.48	− 6	54.61	+ 1	27.87	− 8
26	33.07	+ 9	45.19	− 1	30.10	+32	32.60	− 3	54.88	+ 5	27.77	− 8
27	33.35	+10	45.37	+ 3	31.22	+36	32.73	+ 1	55.16	+ 8	27.68	− 5
28	33.63	+ 9	45.56	+ 6	32.33	+33	32.87	+ 5	55.44	+10	27.59	− 2
29	33.90	+ 6	45.75	+ 9	33.44	+25	33.01	+ 8	55.72	+10	27.51	+ 2
30	34.18	+ 3	45.95	+10	34.55	+12	33.16	+ 9	56.01	+ 8	27.43	+ 6
31	34.45	− 1	46.16	+ 9	35.65	− 2	33.31	+ 9	56.29	+ 5	27.36	+ 8
Aug. 1	34.72	− 4	46.37	+ 7	36.75	−15	33.47	+ 9	56.58	+ 2	27.29	+ 9
2	34.99	− 7	46.58	+ 4	37.84	−25	33.63	+ 5	56.87	− 2	27.23	+ 8
3	35.26	− 8	46.80	0	38.93	−31	33.79	+ 1	57.16	− 5	27.17	+ 6
4	35.52	− 8	47.02	− 4	40.01	−31	33.96	− 2	57.45	− 8	27.12	+ 3
5	35.78	− 7	47.25	− 7	41.09	−27	34.14	− 6	57.75	− 9	27.07	0
6	36.04	− 4	47.48	− 9	42.16	−18	34.32	− 9	58.04	− 9	27.02	− 4
7	36.30	− 1	47.71	−11	43.23	− 5	34.50	−10	58.33	− 7	26.98	− 8
8	36.55	+ 3	47.95	−10	44.29	+ 9	34.69	−10	58.63	− 4	26.94	−10
9	36.80	+ 6	48.20	− 7	45.34	+21	34.89	− 8	58.93	− 1	26.91	−10
10	37.05	+ 8	48.45	− 4	46.39	+29	35.09	− 5	59.23	+ 3	26.88	− 9
sec δ, tg δ	85° 51′ 40″	13.855	+13.819		88° 54′ 30″	52.488	+52.478		85° 21′ 20″	12.350	+12.309	
	50	13.865	+13.828		40	52.622	+52.612		30	12.357	+12.317	

Tag	51 Hev. Cephei $5^m.26$				1 Hev. Draconis $4^m.58$				ε Ursae minoris $4^m.40$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$7^h 6^m$	in ^{s} 0.01	+87° 9′	in ″ 0.01	$9^h 26^m$	in ^{s} 0.01	+81° 39′	in ″ 0.01	$16^h 53^m$	in ^{s} 0.01	+82° 9′	in ″ 0.01
Juli 4	32.35	+12	59.71	+ 4	43.61	+ 5	15.19	− 1	30.95	− 1	44.59	− 8
5	32.43	+ 8	59.40	+ 7	43.55	+ 4	14.92	+ 3	30.86	+ 1	44.84	− 8
6	32.52	+ 3	59.09	+ 8	43.50	+ 3	14.65	+ 6	30.76	+ 2	45.09	− 8
7	32.61	− 3	58.78	+ 9	43.45	+ 1	14.38	+ 8	30.66	+ 3	45.33	− 5
8	32.71	− 8	58.47	+ 7	43.41	− 1	14.11	+ 9	30.56	+ 3	45.57	− 2
9	32.82	−12	58.16	+ 5	43.36	− 3	13.83	+ 8	30.46	+ 3	45.81	+ 2
10	32.94	−15	57.85	+ 1	43.32	− 5	13.54	+ 6	30.35	+ 3	46.04	+ 6
11	33.07	−15	57.54	− 3	43.28	− 6	13.26	+ 3	30.24	+ 2	46.27	+ 9
12	33.20	−12	57.23	− 6	43.24	− 6	12.97	− 1	30.13	0	46.50	+10
13	33.34	− 7	56.92	− 8	43.21	− 4	12.68	− 4	30.02	− 1	46.72	+ 9
14	33.48	− 1	56.62	− 9	43.17	− 2	12.38	− 7	29.90	− 2	46.94	+ 7
15	33.63	+ 5	56.31	− 7	43.14	0	12.09	− 8	29.79	− 2	47.16	+ 3
16	33.79	+10	56.00	− 4	43.11	+ 3	11.79	− 7	29.67	− 2	47.37	− 2
17	33.96	+12	55.70	0	43.08	+ 4	11.49	− 4	29.55	− 1	47.58	− 6
18	34.13	+11	55.40	+ 5	43.05	+ 5	11.19	0	29.43	0	47.79	− 9
19	34.31	+ 7	55.10	+ 8	43.03	+ 4	10.89	+ 4	29.30	+ 1	47.99	−10
20	34.50	+ 1	54.80	+10	43.01	+ 2	10.58	+ 8	29.17	+ 2	48.19	− 8
21	34.70	− 5	54.50	+ 9	42.99	0	10.27	+ 9	29.04	+ 3	48.38	− 4
22	34.90	− 9	54.20	+ 6	42.97	− 2	9.96	+ 8	28.91	+ 3	48.57	0
23	35.11	−11	53.90	+ 1	42.96	− 4	9.64	+ 5	28.78	+ 2	48.76	+ 5
24	35.32	−10	53.60	− 3	42.95	− 4	9.32	+ 1	28.64	0	48.94	+ 8
25	35.54	− 6	53.31	− 7	42.94	− 4	9.01	− 4	28.51	− 1	49.12	+ 9
26	35.77	0	53.02	− 9	42.93	− 2	8.69	− 8	28.37	− 2	49.29	+ 8
27	36.01	+ 5	52.73	−10	42.92	0	8.37	−10	28.23	− 3	49.46	+ 5
28	36.25	+10	52.44	− 8	42.91	+ 2	8.05	−10	28.09	− 3	49.62	+ 2
29	36.50	+13	52.15	− 5	42.91	+ 4	7.73	− 9	27.94	− 3	49.78	− 2
30	36.76	+14	51.86	− 1	42.91	+ 5	7.40	− 6	27.79	− 2	49.94	− 6
31	37.02	+13	51.58	+ 3	42.92	+ 5	7.08	− 2	27.65	− 1	50.09	− 8
Aug. 1	37.29	+ 9	51.30	+ 6	42.92	+ 5	6.75	+ 1	27.50	0	50.24	− 9
2	37.56	+ 5	51.02	+ 8	42.93	+ 3	6.42	+ 5	27.35	+ 1	50.38	− 8
3	37.84	− 1	50.74	+ 9	42.94	+ 1	6.09	+ 7	27.20	+ 2	50.52	− 7
4	38.13	− 7	50.46	+ 8	42.95	− 1	5.76	+ 9	27.05	+ 3	50.66	− 3
5	38.42	−11	50.18	+ 6	42.97	− 3	5.42	+ 9	26.89	+ 3	50.79	+ 1
6	38.72	−15	49.91	+ 3	42.98	− 5	5.09	+ 7	26.74	+ 3	50.91	+ 5
7	39.02	−16	49.64	− 1	43.00	− 6	4.76	+ 5	26.59	+ 2	51.03	+ 8
8	39.33	−14	49.37	− 5	43.02	− 6	4.42	+ 1	26.43	+ 1	51.14	+10
9	39.65	−10	49.10	− 8	43.04	− 5	4.08	− 3	26.27	0	51.25	+10
10	39.98	− 4	48.84	− 9	43.07	− 3	3.74	− 6	26.11	− 2	51.36	+ 8
sec δ, tg δ	87° 9′ 50″		20.210	+20.186	81° 39′ 0″		6.886	+6.813	82° 9′ 40″		7.332	+7.264
	60		20.230	+20.206	10		6.888	+6.815	50		7.335	+7.266

Tag	δ Ursae minoris 4ᵐ.44 AR.	☾ Gl.	Dekl.	☾ Gl.	λ Ursae minoris 6ᵐ.55 AR.	☾ Gl.	Dekl.	☾ Gl.	76 Draconis 5ᵐ.69 AR.	☾ Gl.	Dekl.	☾ Gl.
1927	17ʰ 55ᵐ	in ˢ 0.01	+86° 36′	in ″ 0.01	18ʰ 51ᵐ	in ˢ 0.01	+89° 1′	in ″ 0.01	20ʰ 48ᵐ	in ˢ 0.01	+82° 15′	in ″ 0.01
Juli 4	65.48	− 5	53.95	− 7	36.62	−34	51.18	− 3	6.52	− 3	36.41	+ 2
5	65.33	− 1	54.24	− 8	{36.36 36.08	− 25 − 13	51.50 51.81	− 6 − 8}	6.58	− 3	36.74	− 2
6	65.17	+ 2	54.53	− 8	35.77	+ 1	52.13	− 9	6.63	− 3	37.06	− 5
7	65.00	+ 6	54.82	− 7	35.44	+15	52.44	− 8	6.68	− 2	37.39	− 8
8	64.83	+ 8	55.11	− 4	35.09	+27	52.76	− 6	6.73	− 1	37.72	− 9
9	64.65	+ 9	55.39	0	34.72	+36	53.07	− 2	6.78	0	38.05	− 8
10	64.46	+ 9	55.68	+ 4	34.33	+38	53.38	+ 1	6.82	+ 2	38.38	− 6
11	64.27	+ 7	55.96	+ 7	33.91	+34	53.70	+ 5	6.86	+ 3	38.72	− 3
12	64.07	+ 4	56.24	+ 9	33.48	+24	54.01	+ 8	6.90	+ 4	39.06	0
13	63.87	0	56.51	+10	33.03	+10	54.31	+ 9	6.94	+ 4	39.40	+ 4
14	63.66	− 3	56.79	+ 8	32.55	− 6	54.62	+ 8	6.97	+ 3	39.74	+ 7
15	63.45	− 6	57.06	+ 4	32.05	−20	54.93	+ 6	7.00	+ 2	40.08	+ 8
16	63.23	− 7	57.33	0	31.53	−29	55.23	+ 1	7.03	0	40.42	+ 7
17	63.01	− 7	57.60	− 5	31.00	−30	55.54	− 3	7.05	− 2	40.76	+ 5
18	62.78	− 4	57.86	− 8	30.44	−23	55.84	− 7	7.07	− 3	41.11	+ 1
19	62.55	0	58.12	−10	29.86	−10	56.14	−10	7.09	− 4	41.45	− 4
20	62.31	+ 3	58.38	− 9	29.26	+ 5	56.44	−10	7.11	− 2	41.80	− 7
21	62.06	+ 6	58.64	− 6	28.64	+19	56.73	− 7	7.13	− 2	42.15	− 9
22	61.81	+ 7	58.89	− 2	27.99	+27	57.03	− 3	7.14	0	42.50	− 9
23	61.55	+ 7	59.14	+ 3	27.33	+27	57.32	+ 2	7.15	+ 1	42.85	− 6
24	61.29	+ 4	59.39	+ 7	26.65	+20	57.62	+ 6	7.15	+ 2	43.20	− 2
25	61.02	0	59.64	+ 9	25.95	+ 8	57.91	+ 9	7.16	+ 3	43.56	+ 3
26	60.75	− 4	59.88	+ 9	25.22	− 7	58.20	+10	7.16	+ 3	43.91	+ 7
27	60.48	− 7	60.12	+ 7	24.48	−21	58.48	+ 9	7.16	+ 2	44.26	+10
28	60.20	− 9	60.35	+ 4	23.72	−31	58.77	+ 6	7.15	+ 1	44.61	+10
29	59.92	−10	60.58	0	22.94	−36	59.05	+ 2	7.15	− 1	44.97	+ 9
30	59.63	− 8	60.81	− 4	22.15	−35	59.33	− 2	7.14	− 2	45.32	+ 7
31	59.34	− 6	61.03	− 6	21.34	−29	59.60	− 5	7.13	− 3	45.68	+ 3
Aug. 1	59.04	− 3	61.25	− 8	20.50	−18	59.88	− 7	7.11	− 3	46.03	− 1
2	58.74	+ 1	61.47	− 9	19.65	− 4	60.15	− 9	7.10	− 3	46.39	− 4
3	58.43	+ 4	61.68	− 7	18.78	+10	60.42	− 8	7.08	− 2	46.74	− 7
4	58.12	+ 7	61.89	− 5	17.89	+24	60.69	− 7	{7.05 7.03	− 1 0	47.10 47.45	− 9 − 9}
5	57.80	+ 9	62.10	− 2	16.98	+34	60.95	− 4	7.00	+ 1	47.81	− 8
6	57.48	+10	62.30	+ 2	16.05	+39	61.22	0	6.97	+ 3	48.16	− 5
7	57.16	+ 9	62.50	+ 6	15.11	+38	61.48	+ 4	6.94	+ 4	48.52	− 1
8	56.83	+ 6	62.70	+ 8	14.15	+30	61.74	+ 7	6.90	+ 4	48.87	+ 2
9	56.50	+ 2	62.89	+10	13.17	+18	62.00	+ 9	6.86	+ 4	49.23	+ 6
10	56.16	− 1	63.08	+ 9	12.18	+ 2	62.25	+ 9	6.82	+ 2	49.58	+ 8
sec δ, tg δ	86° 36′ 50″	16.931	+16.901		89° 1′ 50″	59.104	+59.096		82° 15′ 40″	7.426	+7.359	
	60	16.945	+16.915		60	59.274	+59.266		50	7.429	+7.361	

Tag	43 Hev. Cephei $4^m.52$				α Ursae minoris $2^m.12$				Grb 750 $6^m.70$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$0^h\,58^m$	in 0.01^s	$+85°\,51'$	in $0.01''$	$1^h\,35^m$	in 0.01^s	$+88°\,54'$	in $0.01''$	$4^h\,12^m$	in 0.01^s	$+85°\,21'$	in $0.01''$
Aug. 10	37.05^s	+ 8	$48.45''$	− 4	46.39^s	+29	$35.09''$	− 5	59.23^s	+ 3	$26.88''$	− 9
11	37.30	+ 8	48.70	+ 1	47.43	+31	35.29	− 1	59.54	+ 6	26.85	− 6
12	37.54	+ 7	48.96	+ 4	48.47	+25	35.50	+ 3	59.84	+ 7	26.83	− 1
13	37.78	+ 3	49.22	+ 7	49.49	+12	35.71	+ 7	60.14	+ 6	26.82	+ 4
14	38.02	− 1	49.48	+ 8	50.51	− 4	35.93	+ 8	60.44	+ 4	26.81	+ 7
15	38.26	− 5	49.75	+ 7	51.52	−19	36.15	+ 7	60.75	+ 1	26.81	+ 9
16	38.49	− 8	50.02	+ 4	52.52	−31	36.37	+ 5	61.05	− 3	26.81	+ 9
17	38.72	− 9	50.29	0	53.51	−34	36.60	+ 1	61.36	− 6	26.82	+ 6
18	38.95	− 8	50.57	− 4	54.50	−30	36.83	− 3	61.66	− 8	26.83	+ 2
19	39.18	− 5	50.86	− 6	55.48	−18	37.07	− 6	61.97	− 7	26.85	− 2
20	39.40	0	51.15	− 7	56.45	− 1	37.31	− 7	62.28	− 4	26.87	− 6
21	39.62	+ 4	51.44	− 5	57.41	+16	37.56	− 6	62.58	0	26.90	− 8
22	39.83	+ 8	51.74	− 2	58.36	+29	37.81	− 4	62.89	+ 4	26.93	− 8
23	40.04	+10	52.04	+ 1	59.30	+36	38.06	0	63.20	+ 7	26.96	− 6
24	40.25	+10	52.34	+ 5	60.23	+36	38.32	+ 4	63.51	+ 9	27.00	− 3
25	40.46	+ 8	52.64	+ 8	61.15	+29	38.58	+ 7	63.82	+10	27.04	+ 1
26	40.66	+ 4	52.95	+ 9	62.06	+17	38.85	+ 9	64.13	+ 9	27.09	+ 5
27	40.86	+ 1	53.26	+ 9	62.96	+ 3	39.12	+10	64.44	+ 6	27.14	+ 7
28	41.05	− 3	53.57	+ 8	63.85	−10	39.40	+ 8	64.75	+ 3	27.20	+ 9
29	41.24	− 6	53.89	+ 5	64.73	−20	39.68	+ 6	65.06	− 1	27.26	+ 9
30	41.43	− 8	54.21	+ 2	65.60	−29	39.96	+ 3	65.37	− 4	27.33	+ 7
31	41.61	− 9	54.53	− 2	66.45	−32	40.25	− 1	65.68	− 7	27.40	+ 5
Sept. 1	41.79	− 8	54.86	− 6	67.30	−29	40.54	− 4	65.99	− 9	27.48	+ 1
2	41.97	− 6	55.19	− 8	68.13	−22	40.83	− 8	66.30	− 9	27.56	− 3
3	42.15	− 2	55.52	−10	68.95	−11	41.12	−10	66.61	− 8	27.65	− 6
4	42.32	+ 1	55.86	−10	69.77	+ 3	41.42	−11	66.92	− 6	27.74	− 9
5	42.49	+ 5	56.20	− 9	70.57	+16	41.72	−10	67.22	− 3	27.84	−10
6	42.65	+ 7	56.54	− 6	71.35	+26	42.03	− 7	67.53	+ 1	27.94	−10
7	42.81	+ 8	56.88	− 2	72.13	+30	42.34	− 3	67.84	+ 4	28.04	− 7
8	42.97	+ 7	57.23	+ 2	72.90	+27	42.66	+ 1	68.15	+ 6	28.15	− 3
9	43.12	+ 4	57.58	+ 6	73.65	+17	42.97	+ 5	68.45	+ 6	28.26	+ 1
10	43.27	0	57.93	+ 7	74.39	+ 2	43.29	+ 7	68.76	+ 5	28.38	+ 6
11	43.42	− 4	58.28	+ 7	75.12	−15	43.62	+ 8	69.07	+ 2	28.50	+ 9
12	43.56	− 8	58.63	+ 4	75.83	−27	43.94	+ 6	69.37	− 2	28.63	+ 9
13	43.70	−10	58.99	+ 1	76.53	−35	44.27	+ 2	69.67	− 5	28.76	+ 8
14	43.83	− 9	59.35	− 3	77.22	−33	44.60	− 1	69.97	− 7	28.90	+ 4
15	43.96	− 6	59.71	− 6	77.89	−23	44.94	− 5	70.27	− 7	29.04	0
16	44.08	− 3	60.07	− 7	78.55	− 8	45.27	− 7	70.57	− 5	29.18	− 4
sec δ, tg δ	85° 51′ 50″	13.865	+13.828		88° 54′ 40″	52.622	+52.612		85° 21′ 20″	12.350	+12.309	
	60	13.874	+13.838		50	52.756	+52.747		30	12.357	+12.317	

Tag	51 Hev. Cephei $5^m.26$				1 Hev. Draconis $4^m.58$				ε Ursae minoris $4^m.40$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$7^h 6^m$	in ^{s} 0.01	+87° 9′	in ″ 0.01	$9^h 26^m$	in ^{s} 0.01	+81° 38′	in ″ 0.01	$16^h 53^m$	in ^{s} 0.01	+82° 9′	in ″ 0.01
Aug. 10	$39^s.98$	− 4	48″.84	− 9	$43^s.07$	− 3	63″.74	− 6	$26^s.11$	− 2	51″.36	+ 8
11	40.31	+ 2	48.58	− 8	43.10	− 1	63.41	− 7	25.95	− 2	51.46	+ 5
12	40.64	+ 8	48.32	− 5	43.13	+ 2	63.07	− 7	25.79	− 2	51.55	0
13	40.98	+11	48.06	− 1	43.16	+ 4	62.73	− 5	25.63	− 2	51.64	− 5
14	41.33	+11	47.81	+ 3	43.20	+ 5	62.39	− 1	25.47	− 1	51.73	− 8
15	41.68	+ 9	47.56	+ 7	43.23	+ 5	62.05	+ 3	25.30	+ 1	51.81	−10
16	42.03	+ 4	47.31	+10	43.27	+ 3	61.71	+ 6	25.13	+ 2	51.88	− 9
17	42.39	− 2	47.06	+ 9	43.31	+ 1	61.37	+ 8	24.97	+ 2	51.95	− 6
18	42.76	− 7	46.82	+ 7	43.35	− 1	61.03	+ 8	24.80	+ 3	52.02	− 2
19	43.14	−10	46.58	+ 3	43.40	− 3	60.69	+ 6	24.63	+ 2	52.08	+ 3
20	43.52	−10	46.34	− 2	43.45	− 4	60.35	+ 2	24.46	+ 1	52.14	+ 6
21	43.90	− 7	46.11	− 6	43.50	− 4	60.01	− 2	24.29	− 1	52.19	+ 8
22	44.29	− 2	45.88	− 9	43.55	− 3	59.67	− 7	24.12	− 2	52.24	+ 8
23	44.68	+ 3	45.65	−10	43.60	− 1	59.33	−10	23.94	− 3	52.28	+ 6
24	45.08	+ 9	45.43	− 9	43.66	+ 1	58.99	−10	23.77	− 4	52.32	+ 3
25	45.48	+13	45.21	− 6	43.72	+ 3	58.65	−10	23.60	− 3	52.35	− 1
26	45.89	+14	44.99	− 2	43.78	+ 4	58.32	− 7	23.43	− 3	52.38	− 5
27	46.30	+14	44.78	+ 1	43.84	+ 5	57.98	− 4	23.25	− 2	52.40	− 7
28	46.71	+11	44.57	+ 5	43.90	+ 5	57.64	0	23.08	0	52.42	− 9
29	47.13	+ 7	44.36	+ 7	43.97	+ 4	57.30	+ 4	22.90	+ 1	52.43	− 8
30	47.56	+ 1	44.16	+ 8	44.04	+ 2	56.97	+ 7	22.73	+ 2	52.44	− 7
31	47.99	− 4	43.96	+ 8	44.11	0	56.63	+ 9	22.55	+ 3	52.44	− 4
Sept. 1	48.42	−10	43.76	+ 7	44.19	− 2	56.29	+ 9	22.38	+ 3	52.44	− 1
2	48.86	−13	43.57	+ 4	44.26	− 4	55.96	+ 8	22.20	+ 3	52.43	+ 3
3	49.30	−15	43.38	+ 1	44.34	− 5	55.63	+ 6	22.02	+ 3	52.42	+ 7
4	49.75	−15	43.20	− 3	44.42	− 6	55.30	+ 3	21.84	+ 1	52.40	+ 9
5	50.20	−12	43.02	− 6	44.50	− 6	54.97	− 1	21.67	0	52.38	+10
6	50.65	− 7	42.84	− 8	44.58	− 4	54.64	− 4	21.49	− 1	52.35	+ 9
7	51.10	− 1	42.66	− 9	44.67	− 2	54.31	− 7	21.31	− 2	52.32	+ 6
8	51.56	+ 5	42.49	− 6	44.76	0	53.98	− 7	21.13	− 2	52.28	+ 2
9	52.03	+ 9	42.32	− 3	44.85	+ 3	53.66	− 6	20.95	− 2	52.24	− 3
10	52.50	+11	42.16	+ 2	44.94	+ 4	53.33	− 2	20.77	− 1	52.19	− 7
11	52.97	+ 9	42.00	+ 6	45.03	+ 5	53.01	+ 2	20.59	0	52.14	− 9
12	53.44	+ 6	41.84	+ 9	45.13	+ 4	52.69	+ 5	20.41	+ 1	52.08	− 9
13	53.92	0	41.69	+10	45.23	+ 2	52.37	+ 8	20.23	+ 2	52.02	− 7
14	54.40	− 5	41.54	+ 8	45.33	0	52.06	+ 8	20.05	+ 3	51.95	− 3
15	54.88	− 9	41.40	+ 5	45.43	− 2	51.74	+ 7	19.88	+ 2	51.87	+ 1
16	55.37	−10	41.26	0	45.53	− 3	51.43	+ 3	19.70	+ 1	51.79	+ 5
sec δ, tg δ	87° 9′ 40″	20.191	+20.166		81° 38′ 50″	6.884	+6.811		82° 9′ 50″	7.335	+7.266	
	50	20.210	+20.186		60	6.886	+6.813		60	7.337	+7.269	

Tag	δ Ursae minoris $4^m.44$				λ Ursae minoris $6^m.55$				76 Draconis $5^m.69$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$17^h 55^m$	in $0^s.01$	+86° 37′	in $0''.01$	$18^h 50^m$	in $0^s.01$	+89° 2′	in $0''.01$	$20^h 48^m$	in $0^s.01$	+82° 15′	in $0''.01$
Aug. 10	$56^s.16$	− 1	$3''.08$	+ 9	$72^s.18$	+ 2	$2''.25$	+ 9	$6^s.82$	+ 2	$49''.58$	+ 8
11	55.82	− 5	3.27	+ 6	71.17	−13	2.50	+ 7	6.78	+ 1	49.93	+ 8
12	55.47	− 7	3.45	+ 2	70.14	−25	2.75	+ 3	6.74	− 1	50.28	+ 6
13	55.12	− 7	3.62	− 3	69.10	−29	2.99	− 1	6.69	− 3	50.63	+ 2
14	54.77	− 5	3.80	− 7	68.04	−26	3.23	− 6	6.64	− 4	50.98	− 2
15	54.42	− 2	3.97	− 9	66.96	−16	3.47	− 9	6.59	− 4	51.33	− 6
16	54.06	+ 2	4.13	−10	65.87	− 2	3.70	−10	6.53	− 3	51.67	− 9
17	53.70	+ 5	4.29	− 7	64.77	+12	3.93	− 8	6.47	− 1	52.02	− 9
18	53.33	+ 7	4.44	− 3	63.65	+22	4.16	− 5	6.41	0	52.36	− 7
19	52.96	+ 6	4.59	+ 1	62.51	+26	4.38	0	6.35	+ 2	52.70	− 3
20	52.59	+ 5	4.74	+ 6	61.36	+22	4.60	+ 4	6.28	+ 3	53.04	+ 1
21	52.21	+ 1	4.88	+ 8	60.20	+12	4.82	+ 8	6.22	+ 3	53.38	+ 6
22	51.83	− 3	5.02	+ 9	59.02	− 2	5.03	+10	6.15	+ 2	53.72	+ 9
23	51.45	− 6	5.16	+ 8	57.83	−17	5.24	+ 9	6.08	+ 1	54.06	+11
24	51.07	− 9	5.29	+ 5	56.62	−29	5.45	+ 7	6.00	0	54.39	+10
25	50.68	−10	5.42	+ 2	55.40	−36	5.65	+ 4	5.92	− 2	54.72	+ 8
26	50.29	− 9	5.54	− 2	54.16	−37	5.85	0	5.84	− 3	55.05	+ 4
27	49.90	− 7	5.66	− 5	52.92	−32	6.05	− 4	5.76	− 3	55.37	+ 1
28	49.50	− 4	5.77	− 8	51.66	−22	6.24	− 7	5.67	− 3	55.70	− 3
29	49.10	0	5.88	− 9	50.39	− 9	6.43	− 8	5.58	− 3	56.03	− 6
30	48.70	+ 3	5.98	− 8	49.10	+ 5	6.61	− 9	5.49	− 2	56.36	− 8
31	48.30	+ 6	6.08	− 6	47.81	+19	6.79	− 8	5.40	− 1	56.68	− 9
Sept. 1	47.89	+ 9	6.17	− 3	46.50	+30	6.97	− 5	5.30	+ 1	57.00	− 8
2	47.48	+10	6.26	0	45.18	+37	7.14	− 2	5.20	+ 2	57.32	− 6
3	47.07	+ 9	6.34	+ 4	43.85	+39	7.31	+ 2	5.10	+ 3	57.63	− 3
4	46.66	+ 8	6.42	+ 8	42.51	+35	7.47	+ 6	5.00	+ 4	57.95	+ 1
5	46.25	+ 4	6.50	+ 9	41.15	+25	7.63	+ 8	4.90	+ 4	58.26	+ 4
6	45.84	0	6.57	+ 9	39.79	+10	7.79	+ 9	4.80	+ 3	58.57	+ 7
7	45.42	− 3	6.64	+ 7	38.42	− 5	7.94	+ 8	4.69	+ 1	58.87	+ 8
8	45.00	− 6	6.70	+ 3	37.03	−18	8.09	+ 5	4.58	0	59.17	+ 6
9	44.58	− 6	6.76	− 1	35.64	−26	8.23	0	4.47	− 2	59.47	+ 3
10	44.16	− 6	6.81	− 6	34.24	−26	8.37	− 4	4.36	− 3	59.77	− 1
11	43.74	− 3	6.86	− 9	32.83	−19	8.50	− 8	4.24	− 4	60.06	− 5
12	43.32	0	6.90	−10	31.41	− 7	8.63	−10	4.12	− 3	60.35	− 8
13	42.90	+ 4	6.94	− 9	29.98	+ 7	8.75	− 9	4.00	− 2	60.64	− 9
14	42.47	+ 6	6.97	− 5	28.54	+19	8.87	− 6	3.88	0	60.92	− 8
15	42.04	+ 7	7.00	− 1	27.10	+25	8.99	− 2	3.76	+ 1	61.20	− 5
16	41.61	+ 5	7.02	+ 4	25.65	+24	9.10	+ 3	3.63	+ 3	61.48	0
sec δ, tg δ	86° 37′ 0″	16.945	+16.915		89° 2′ 0″	59.274	+59.266		82° 15′ 50″	7.429	+7.361	
	10	16.958	+16.929		10	59.445	+59.437		60	7.431	+7.364	

Tag	43 Hev. Cephei $4^m.52$ AR.	☾ Gl.	Dekl.	☾ Gl.	α Ursae minoris $2^m.12$ AR.	☾ Gl.	Dekl.	☾ Gl.	Grb 750 $6^m.70$ AR.	☾ Gl.	Dekl.	☾ Gl.
1927	0^h58^m	in 0.01^s	$+85°52'$	in $0.01''$	1^h36^m	in 0.01^s	$+88°54'$	in $0.01''$	4^h13^m	in 0.01^s	$+85°21'$	in $0.01''$
Sept. 16	$44^s.08$	− 3	$0''.07$	− 7	$18^s.55$	− 8	$45''.27$	− 7	$10^s.57$	− 5	$29''.18$	− 4
17	44.20	+ 3	0.43	− 6	19.19	+10	45.61	− 6	10.87	− 2	29.33	− 7
18	44.32	+ 7	0.80	− 3	19.82	+26	45.95	− 4	11.17	+ 3	29.48	− 8
19	44.43	+10	1.17	0	20.43	+36	46.30	− 1	11.47	+ 6	29.64	− 7
20	44.54	+10	1.54	+ 4	21.03	+39	46.64	+ 3	11.76	+ 9	29.80	− 4
21	44.64	+ 9	1.91	+ 8	21.62	+34	46.99	+ 6	12.06	+11	29.97	− 1
22	44.74	+ 6	2.28	+10	22.19	+24	47.34	+ 9	12.35	+10	30.14	+ 3
23	44.84	+ 2	2.65	+10	22.75	+12	47.69	+10	12.64	+ 8	30.32	+ 7
24	44.93	− 2	3.02	+ 9	23.29	− 5	48.05	+10	12.93	+ 5	30.50	+ 8
25	45.02	− 5	3.40	+ 7	23.82	−17	48.41	+ 8	13.21	+ 1	30.68	+ 9
26	45.10	− 7	3.77	+ 3	24.33	−26	48.77	+ 5	13.50	− 4	30.87	+ 8
27	45.18	− 8	4.15	0	24.83	−31	49.13	+ 1	13.78	− 6	31.06	+ 6
28	45.25	− 8	4.53	− 4	25.31	−30	49.49	− 3	14.06	− 8	31.26	+ 3
29	45.32	− 6	4.91	− 7	25.78	−25	49.86	− 6	14.34	− 9	31.46	− 1
30	45.39	− 4	5.30	−10	26.23	−15	50.23	− 9	14.62	− 8	31.66	− 5
Okt. 1	45.45	0	5.68	−10	26.67	− 2	50.60	−10	14.90	− 7	31.87	− 8
2	45.51	+ 3	6.06	−10	27.09	+11	50.97	−10	15.17	− 4	32.08	−10
3	45.56	+ 6	6.44	− 7	27.49	+23	51.34	− 8	15.44	0	32.30	−10
4	45.61	+ 8	6.83	− 3	27.87	+29	51.71	− 5	15.71	+ 3	32.52	− 9
5	45.65	+ 8	7.21	0	28.24	+29	52.09	− 1	15.98	+ 5	32.74	− 5
6	45.69	+ 6	7.60	+ 4	28.59	+21	52.46	+ 3	16.24	+ 6	32.96	− 1
7	{45.73 {45.76	+ 2 − 3	7.98 8.37	+6 +6 }	28.93	+ 8	52.84	+ 6	16.50	+ 5	33.19	+ 4
8	45.78	− 7	8.75	+ 5	29.25	− 9	53.22	+ 7	16.76	+ 2	33.43	+ 7
9	45.80	− 9	9.14	+ 2	29.56	−24	53.60	+ 6	17.02	− 1	33.67	+ 9
10	45.82	−10	9.53	− 2	29.84	−34	53.98	+ 3	17.27	− 5	33.91	+ 8
11	45.83	− 8	9.91	− 5	30.11	−36	54.36	0	17.52	− 8	34.15	+ 6
12	45.84	− 4	10.30	− 7	30.37	−29	54.74	− 4	17.77	− 9	34.40	+ 1
13	45.84	+ 1	10.69	− 7	30.61	−16	55.12	− 6	18.02	− 7	34.65	− 3
14	45.84	+ 5	11.07	− 5	30.82	+ 2	55.51	− 7	18.26	− 4	34.91	− 6
15	45.84	+ 9	11.46	− 1	31.02	+19	55.89	− 6	18.50	+ 1	35.17	− 8
16	45.83	+10	11.84	+ 3	{31.21 {31.37	+32 +38	56.28 56.66	− 3 + 1 }	18.74	+ 5	35.43	− 7
17	45.81	+10	12.23	+ 7	31.52	+37	57.05	+ 5	18.98	+ 9	35.70	− 5
18	45.79	+ 8	12.61	+10	31.65	+29	57.43	+ 9	19.21	+11	35.97	− 2
19	45.77	+ 4	12.99	+11	31.76	+17	57.82	+10	19.44	+11	36.25	+ 2
20	45.74	0	13.37	+10	31.85	+ 2	58.20	+10	19.67	+ 9	36.52	+ 5
21	45.70	− 4	13.75	+ 8	31.93	−12	58.59	+ 9	19.90	+ 7	36.80	+ 8
22	45.66	− 6	14.13	+ 5	31.99	−23	58.98	+ 6	20.12	+ 3	37.09	+ 9
23	45.62	− 8	14.50	+ 2	32.02	−30	59.36	+ 3	20.34	− 1	37.37	+ 9
sec δ, tg δ	85°52′ 0″ 10	13.874 13.883	+13.838 +13.847		88°54′50″ 60	52.756 52.891	+52.747 +52.882		85°21′30″ 40	12.357 12.365	+12 317 +12.324	

Tag	51 Hev. Cephei $5^m.26$				1 Hev. Draconis $4^m.58$				ε Ursae minoris $4^m.40$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$7^h\ 6^m$	in ^{s} 0.01	$+87°\ 9'$	in $''$ 0.01	$9^h\ 26^m$	in ^{s} 0.01	$+81°\ 38'$	in $''$ 0.01	$16^h\ 53^m$	in ^{s} 0.01	$+82°\ 9'$	in $''$ 0.01
Sept. 16	55.37	−10	41.26	0	45.53	− 3	51.43	+ 3	19.70	+ 1	51.79	+ 5
17	55.86	− 8	41.13	− 5	45.64	− 4	51.12	− 1	19.52	0	51.71	+ 8
18	56.36	− 4	41.00	− 8	45.75	− 3	50.81	− 6	19.34	− 2	51.62	+ 8
19	56.85	+ 2	40.87	−10	45.86	− 2	50.50	− 9	19.17	− 3	51.53	+ 7
20	57.35	+ 8	40.75	−10	45.97	+ 1	50.19	−11	18.99	− 4	51.43	+ 4
21	57.85	+12	40.63	− 8	46.08	+ 3	49.89	−11	18.82	− 4	51.33	0
22	58.36	+15	40.52	− 4	46.19	+ 4	49.59	− 9	18.65	− 3	51.22	− 3
23	58.86	+15	40.41	0	46.31	+ 5	49.29	− 5	18.47	− 2	51.11	− 7
24	59.37	+13	40.30	+ 3	46.43	+ 5	48.99	− 2	18.30	− 1	50.99	− 8
25	59.88	+ 9	40.20	+ 6	46.55	+ 4	48.70	+ 2	18.13	0	50.86	− 9
26	60.39	+ 4	40.10	+ 8	46.67	+ 3	48.41	+ 5	17.95	+ 1	50.73	− 8
27	60.90	− 2	40.01	+ 8	46.79	+ 1	48.12	+ 8	17.78	+ 2	50.60	− 5
28	61.42	− 7	39.92	+ 8	46.91	− 1	47.83	+ 9	17.61	+ 3	50.46	− 2
29	61.94	−12	39.84	+ 5	47.04	− 3	47.55	+ 8	17.44	+ 3	50.31	+ 1
30	62.46	−15	39.76	+ 2	47.17	− 5	47.27	+ 7	17.27	+ 3	50.16	+ 5
Okt. 1	62.98	−15	39.69	− 2	47.30	− 6	46.99	+ 4	17.10	+ 2	50.01	+ 8
2	63.51	−13	39.62	− 5	47.43	− 6	46.71	0	16.93	+ 1	49.85	+10
3	64.03	− 9	39.55	− 8	47.56	− 5	46.44	− 3	16.76	0	49.69	+10
4	64.55	− 4	39.49	− 9	47.69	− 3	46.17	− 6	16.60	− 2	49.52	+ 8
5	65.07	+ 2	39.44	− 7	47.83	− 1	45.91	− 7	16.43	− 2	49.35	+ 4
6	65.60	+ 7	39.39	− 4	47.97	+ 2	45.65	− 6	16.27	− 2	49.18	− 1
7	66.12	+ 9	39.35	0	48.12	+ 3	45.39	− 3	16.11	− 1	49.00	− 5
8	66.65	+ 9	39.31	+ 5	48.26	+ 4	45.13	+ 1	15.94	0	48.81	− 8
9	67.18	+ 6	39.27	+ 8	48.41	+ 4	44.88	+ 4	15.78	+ 1	48.62	− 9
10	67.71	+ 1	39.24	+10	48.55	+ 3	44.63	+ 8	15.62	+ 2	48.42	− 8
11	68.24	− 4	39.22	+ 9	48.70	0	44.39	+ 9	15.46	+ 3	48.22	− 5
12	68.77	− 9	39.20	+ 7	48.85	− 2	44.15	+ 8	15.31	+ 3	48.02	− 1
13	69.30	−10	39.18	+ 2	48.99	− 3	43.91	+ 5	15.15	+ 2	47.81	+ 3
14	69.83	−10	39.17	− 3	49.14	− 4	43.67	+ 1	15.00	0	47.60	+ 7
15	70.35	− 6	39.17	− 7	49.30	− 4	43.44	− 4	14.85	− 1	47.38	+ 8
16	70.88	0	39.17	−10	49.45	− 2	43.21	− 8	14.70	− 3	47.16	+ 8
17	71.41	+ 6	39.17	−10	49.60	0	42.99	−11	14.55	− 4	46.93	+ 5
18	71.94	+11	39.18	− 9	49.76	+ 2	42.77	−11	14.40	− 4	46.70	+ 2
19	72.47	+15	39.19	− 6	49.92	+ 4	42.55	−10	14.25	− 4	46.46	− 2
20	73.00	+16	39.21	− 2	50.08	+ 5	42.34	− 7	14.11	− 3	46.22	− 5
21	73.53	+15	39.23	+ 2	50.24	+ 5	42.13	− 4	13.97	− 1	45.97	− 8
22	74.05	+11	39.26	+ 5	50.40	+ 5	41.93	0	13.83	0	45.72	− 9
23	74.58	+ 6	39.29	+ 8	50.56	+ 4	41.73	+ 4	13.69	+ 1	45.47	− 8
sec δ, tg δ	87° 9′ 30″	20.171	+20.146		81° 38′ 40″	6.882	+6.809		82° 9′ 40″	7.332	+7.264	
	40	20.191	+20.166		50	6.884	+6.811		50	7.335	+7.266	

Tag	δ Ursae minoris $4^m.44$ AR.	☾ Gl.	Dekl.	☾ Gl.	λ Ursae minoris $6^m.55$ AR.	☾ Gl.	Dekl.	☾ Gl.	76 Draconis $5^m.69$ AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$17^h 55^m$	in 0.01^s	+86° 37′	in $0.01''$	$18^h 49^m$	in 0.01^s	+89° 2′	in $0.01''$	$20^h 47^m$	in 0.01^s	+82° 16′	in $0.01''$
Sept. 16	41.61	+ 5	7.02	+ 4	85.65	+24	9.10	+ 3	63.63	+ 3	1.48	0
17	41.19	+ 2	7.04	+ 8	84.19	+15	9.21	+ 7	63.50	+ 3	1.75	+ 5
18	40.76	− 2	7.05	+ 9	82.72	+ 2	9.31	+10	63.37	+ 3	2.02	+ 9
19	40.33	− 6	7.06	+ 9	81.25	−13	9.41	+10	63.24	+ 2	2.29	+11
20	39.89	− 9	7.07	+ 7	79.77	−27	9.50	+ 9	63.10	0	2.55	+11
21	39.46	−10	7.07	+ 3	78.29	−36	9.59	+ 6	62.97	− 1	2.81	+ 9
22	39.03	−10	7.06	− 1	76.80	−39	9.68	+ 2	62.83	− 2	3.07	+ 6
23	38.60	− 8	7.05	− 4	75.30	−36	9.76	− 2	62.69	− 3	3.32	+ 2
24	38.17	− 6	7.04	− 7	73.80	−28	9.83	− 6	62.55	− 4	3.57	− 2
25	37.74	− 2	7.02	− 9	72.30	−16	9.90	− 8	62.41	− 3	3.82	− 5
26	37.31	+ 1	6.99	− 9	70.79	− 1	9.97	− 9	62.27	− 2	4.06	− 8
27	36.88	+ 3	6.96	− 7	69.28	+15	10.03	− 8	62.13	− 1	4.30	− 9
28	36.44	+ 6	6.92	− 4	67.76	+25	10.09	− 6	61.98	0	4.54	− 9
29	36.01	+ 9	6.88	− 1	66.24	+34	10.14	− 3	61.83	+ 2	4.77	− 7
30	35.58	+ 9	6.83	+ 3	64.71	+39	10.19	+ 1	61.68	+ 3	4.99	− 4
Okt. 1	35.15	+ 8	6.78	+ 6	63.19	+37	10.23	+ 4	61.53	+ 4	5.21	− 1
2	34.72	+ 7	6.73	+ 9	61.66	+29	10.27	+ 7	61.38	+ 4	5.43	+ 3
3	34.29	+ 4	6.67	+10	60.12	+17	10.30	+ 9	61.23	+ 4	5.65	+ 6
4	33.87	0	6.60	+ 8	58.58	+ 2	10.33	+ 8	61.08	+ 2	5.86	+ 7
5	33.44	− 3	6.53	+ 5	57.05	−12	10.35	+ 6	60.92	+ 1	6.06	+ 7
6	33.01	− 5	6.45	+ 1	55.52	−22	10.37	+ 2	60.77	− 1	6.26	+ 4
7	32.59	− 5	6.37	− 4	53.98	−24	10.38	− 2	60.61	− 3	6.46	+ 1
8	32.16	− 3	6.28	− 8	52.44	−20	10.39	− 7	60.45	− 3	6.65	− 4
9	31.74	0	6.19	−10	50.90	− 9	10.39	− 9	60.29	− 3	6.84	− 7
10	31.32	+ 3	6.09	−10	49.37	+ 5	10.39	−10	60.13	− 2	7.03	−10
11	30.90	+ 6	5.99	− 7	47.83	+17	10.38	− 8	59.96	− 1	7.21	− 9
12	30.49	+ 7	5.88	− 3	46.29	+26	10.36	− 4	59.80	+ 1	7.38	− 7
13	30.07	+ 7	5.77	+ 2	44.75	+26	10.34	0	59.63	+ 2	7.55	− 3
14	29.66	+ 4	5.65	+ 6	43.22	+20	10.31	+ 5	59.47	+ 3	7.71	+ 2
15	29.25	0	5.53	+ 9	41.69	+ 7	10.28	+ 9	59.30	+ 3	7.87	+ 7
16	28.84	− 4	5.41	+ 9	40.16	− 8	10.25	+10	59.13	+ 2	8.02	+10
17	28.43	− 8	5.28	+ 8	38.63	−23	10.21	+ 9	58.96	+ 1	8.17	+11
18	28.02	−10	5.14	+ 5	37.10	−35	10.17	+ 7	58.79	− 1	8.31	+10
19	27.62	−11	5.00	+ 1	35.58	−41	10.12	+ 3	58.62	− 2	8.45	+ 8
20	27.22	−10	4.86	− 3	34.06	−40	10.07	− 1	58.44	− 3	8.59	+ 4
21	26.82	− 7	4.71	− 6	32.55	−33	10.01	− 4	58.27	− 4	8.72	0
22	26.43	− 4	4.55	− 8	31.04	−22	9.94	− 7	58.10	− 3	8.84	− 3
23	26.03	0	4.39	− 9	29.54	− 9	9.87	− 8	57.93	− 3	8.96	− 7
sec δ, tg δ	86° 37′ 0″		16.945	+16.915	89° 2′ 0″		59.274	+59.266	82° 16′ 0″		7.431	+7.364
	10		16.958	+16.929	10		59.445	+59.437	10		7.434	+7.366

Tag	43 Hev. Cephei $4^m.52$				α Ursae minoris $2^m.12$				Grb 750 $6^m.70$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$0^h 58^m$	in ^{s} 0.01	+85° 52′	in ″ 0.01	$1^h 36^m$	in ^{s} 0.01	+88° 54′	in ″ 0.01	$4^h 13^m$	in ^{s} 0.01	+85° 21′	in ″ 0.01
Okt. 23	^{s}45.62	− 8	″14.50	+ 2	^{s}32.02	−30	″59.36	+ 3	^{s}20.34	− 1	″37.37	+ 9
24	45.58	− 8	14.88	− 2	32.04	−30	59.75	− 1	20.55	− 4	37.66	+ 7
25	45.53	− 7	15.26	− 6	32.04	−26	60.13	− 5	20.76	− 7	37.95	+ 4
26	45.47	− 5	15.63	− 8	32.03	−18	60.52	− 8	20.97	− 8	38.24	0
27	45.41	− 1	16.01	−10	32.00	− 6	60.90	−10	21.17	− 8	38.54	− 3
28	45.34	+ 2	16.38	−10	31.94	+ 7	61.29	−10	21.37	− 7	38.84	− 7
29	45.27	+ 6	16.75	− 8	31.87	+20	61.67	− 9	21.57	− 5	39.14	− 9
30	45.19	+ 8	17.12	− 5	31.79	+28	62.06	− 6	21.77	− 1	39.45	−10
31	45.11	+ 8	17.48	− 1	31.68	+30	62.44	− 2	21.96	+ 2	39.76	− 9
Nov. 1	45.03	+ 7	17.84	+ 3	31.55	+25	62.82	+ 2	22.14	+ 5	40.07	− 7
2	44.94	+ 3	18.20	+ 5	31.41	+13	63.20	+ 5	22.33	+ 6	40.38	− 3
3	44.84	− 1	18.56	+ 6	31.24	− 3	63.58	+ 7	22.51	+ 6	40.69	+ 2
4	44.74	− 5	18.92	+ 5	31.06	−19	63.96	+ 6	22.68	+ 3	41.00	+ 6
5	44.64	− 9	19.27	+ 2	30.86	−32	64.33	+ 4	22.85	0	41.32	+ 8
6	44.53	−10	19.63	− 1	30.64	−38	64.70	0	23.01	− 4	41.64	+ 9
7	44.42	− 9	19.98	− 5	30.40	−35	65.08	− 3	23.17	− 7	41.97	+ 7
8	44.30	− 6	20.33	− 7	30.14	−24	65.45	− 6	23.33	− 9	42.30	+ 3
9	44.18	− 2	20.67	− 8	29.86	− 7	65.81	− 8	23.49	− 9	42.63	− 1
10	44.05	+ 3	21.01	− 6	29.57	+11	66.18	− 7	23.64	− 6	42.96	− 5
11	43.92	+ 7	21.35	− 3	29.26	+27	66.55	− 4	23.78	− 2	43.29	− 8
12	43.78	+10	21.69	+ 1	28.92	+37	66.91	− 1	23.93	+ 3	43.62	− 8
13	43.64	+10	22.02	+ 5	28.57	+39	67.27	+ 4	24.07	+ 7	43.95	− 7
14	43.50	+ 9	22.35	+ 9	28.21	+33	67.63	+ 7	24.20	+10	44.29	− 3
15	43.36	+ 6	22.67	+11	27.82	+22	67.99	+10	24.33	+11	44.62	0
16	43.21	+ 2	23.00	+11	27.41	+ 8	68.35	+11	24.45	+10	44.96	+ 4
17	43.05	− 2	23.32	+10	26.99	− 7	68.70	+10	24.57	+ 8	45.30	+ 8
18	42.89	− 5	23.64	+ 7	26.55	−18	69.05	+ 8	24.69	+ 4	45.65	+ 9
19	42.73	− 7	23.96	+ 3	26.09	−27	69.40	+ 4	24.80	+ 1	45.99	+ 9
20	42.56	− 8	24.27	0	25.61	−30	69.74	+ 1	24.91	− 3	46.34	+ 8
21	42.39	− 8	24.58	− 4	25.11	−28	70.08	− 3	25.01	− 6	46.69	+ 6
22	42.21	− 5	24.88	− 7	24.60	−21	70.42	− 6	25.10	− 8	47.03	+ 2
23	42.03	− 2	25.17	− 9	24.07	−10	70.75	− 9	25.19	− 8	47.38	− 2
24	41.85	+ 1	25.46	− 9	23.52	+ 3	71.08	−10	25.28	− 7	47.73	− 5
25	41.66	+ 5	25.75	− 8	22.95	+16	71.41	− 9	{25.36 25.44	− 5 − 2	48.07 48.42	− 8} −10
26	41.47	+ 7	26.04	− 6	22.37	+26	71.74	− 7	25.51	+ 1	48.77	−10
27	41.27	+ 9	26.32	− 2	21.76	+31	72.06	− 3	25.58	+ 4	49.12	− 8
28	41.07	+ 8	26.60	+ 2	21.14	+29	72.38	+ 1	25.65	+ 6	49.47	− 4
29	40.87	+ 5	26.87	+ 5	20.51	+20	72.69	+ 4	25.71	+ 6	49.82	0
sec δ, tg δ	85° 52′ 10″ 20	13.883 13.893	+13.847 +13.857		88° 54′ 60″ 70	52.891 53.027	+52.882 +53.018		85° 21′ 40″ 50	12.365 12.372	+12.324 +12.332	

Tag	51 Hev. Cephei $5^m.26$				1 Hev. Draconis $4^m.58$				ε Ursae minoris $4^m.40$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$7^h\ 7^m$	in ^{s} 0.01	+87°9′	in ″ 0.01	$9^h\ 26^m$	in ^{s} 0.01	+81°38′	in ″ 0.01	$16^h\ 53^m$	in ^{s} 0.01	+82°9′	in ″ 0.01
Okt. 23	$14^s.58$	+ 6	$39''.29$	+ 8	$50^s.56$	+ 4	$41''.73$	+ 4	$13^s.69$	+ 1	$45''.47$	− 8
24	15.11	+ 1	39.33	+ 9	50.72	+ 2	41.54	+ 7	13.55	+ 2	45.22	− 7
25	15.63	− 5	39.37	+ 8	50.89	0	41.35	+ 8	13.41	+ 3	44.96	− 4
26	16.15	−10	39.42	+ 6	51.05	− 2	41.16	+ 8	13.28	+ 3	44.70	0
27	16.67	−13	39.47	+ 3	51.22	− 4	40.98	+ 7	13.15	+ 3	44.43	+ 4
28	17.19	−15	39.53	− 1	51.39	− 5	40.80	+ 5	13.02	+ 2	44.16	+ 7
29	17.71	−14	39.59	− 4	51.56	− 6	40.63	+ 2	12.89	+ 1	43.88	+ 9
30	18.23	−11	39.66	− 7	51.73	− 5	40.46	− 2	12.77	0	43.60	+10
31	18.75	− 6	39.73	− 9	51.90	− 4	40.30	− 5	12.65	− 1	43.32	+ 9
Nov. 1	19.26	0	39.81	− 8	52.07	− 2	40.14	− 7	12.53	− 2	43.03	+ 6
2	19.77	+ 5	39.89	− 6	52.24	+ 1	39.99	− 6	12.41	− 2	42.74	+ 1
3	20.28	+ 9	39.98	− 2	52.41	+ 3	39.84	− 4	12.29	− 2	42.45	− 3
4	20.78	+ 9	40.07	+ 3	52.59	+ 4	39.70	− 1	12.17	− 1	42.15	− 7
5	21.28	+ 7	40.17	+ 7	52.76	+ 4	39.56	+ 3	12.06	+ 1	41.85	− 9
6	21.78	+ 2	40.27	+10	52.93	+ 3	39.43	+ 7	11.95	+ 2	41.55	− 9
7	22.28	− 3	40.38	+10	53.11	+ 1	39.30	+10	11.84	+ 3	41.24	− 6
8	22.78	− 8	40.49	+ 9	53.28	− 1	39.18	+10	11.73	+ 3	40.93	− 2
9	23.27	−11	40.61	+ 4	53.46	− 3	39.06	+ 8	11.63	+ 3	40.62	+ 2
10	23.76	−12	40.73	0	53.63	− 4	38.95	+ 4	11.53	+ 1	40.30	+ 6
11	24.24	− 9	40.86	− 5	53.81	− 4	38.84	− 1	11.43	0	39.98	+ 8
12	24.73	− 3	40.99	− 9	53.99	− 3	38.74	− 6	11.34	− 2	39.66	+ 8
13	25.21	+ 3	41.13	−10	54.17	− 1	38.64	−10	11.24	− 3	39.33	+ 7
14	25.68	+ 9	41.27	−10	54.34	+ 1	38.55	−11	11.15	− 4	39.00	+ 3
15	26.15	+14	41.42	− 7	54.52	+ 3	38.46	−11	11.06	− 4	38.67	0
16	26.62	+16	41.57	− 4	54.70	+ 5	38.38	− 9	10.98	− 3	38.34	− 4
17	27.09	+16	41.73	0	54.88	+ 6	38.30	− 5	10.90	− 2	38.00	− 7
18	27.55	+13	41.89	+ 4	55.06	+ 6	38.23	− 1	10.82	− 1	37.66	− 9
19	28.01	+ 9	42.06	+ 7	55.24	+ 4	38.17	+ 2	10.74	0	37.32	− 9
20	28.46	+ 3	42.23	+ 8	55.42	+ 3	38.11	+ 5	10.66	+ 2	36.98	− 8
21	28.91	− 2	42.41	+ 8	55.60	+ 1	38.05	+ 8	10.59	+ 2	36.63	− 5
22	29.36	− 7	42.59	+ 7	55.78	− 1	38.00	+ 8	10.52	+ 3	36.29	− 2
23	29.80	−11	42.77	+ 4	55.96	− 3	37.96	+ 7	10.45	+ 3	35.94	+ 2
24	30.23	−14	42.96	+ 1	56.14	− 5	37.92	+ 5	10.39	+ 2	35.59	+ 6
25	30.66	−14	43.15	− 3	56.32	− 5	37.89	+ 2	10.33	+ 1	35.24	+ 8
26	31.08	−11	43.35	− 6	56.50	− 5	37.87	− 1	10.27	0	34.88	+10
27	31.50	− 7	43.56	− 8	56.68	− 4	37.85	− 4	10.22	− 1	34.52	+ 9
28	31.92	− 1	43.77	− 9	56.86	− 2	37.83	− 7	10.17	− 2	34.15	+ 7
29	32.33	+ 4	43.98	− 7	57.03	0	37.82	− 7	10.12	− 2	33.79	+ 3
sec δ, tg δ	87°9′40″	20.191	+20.166		81°38′30″	6.879	+6.806		82°9′30″	7.329	+7.261	
	50	20.210	+20.186		40	6.882	+6.809		40	7.332	+7.264	

Tag	δ Ursae minoris $4^m.44$				λ Ursae minoris $6^m.55$				76 Draconis $5^m.69$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$17^h 55^m$	in ^{s} 0.01	+86° 36′	in ″ 0.01	$18^h 48^m$	in ^{s} 0.01	+89° 2′	in ″ 0.01	$20^h 47^m$	in ^{s} 0.01	+82° 16′	in ″ 0.01
Okt. 23	$26^s.03$	0	64″.39	− 9	89.54	− 9	9″.87	− 8	57.93	− 3	8″.96	− 7
24	25.64	+ 3	64.23	− 8	88.04	+ 6	9.79	− 8	57.75	− 2	9.07	− 8
25	25.26	+ 6	64.07	− 5	86.55	+19	9.71	− 7	57.58	0	9.18	− 8
26	24.87	+ 8	63.90	− 2	85.06	+30	9.63	− 4	57.40	+ 1	9.28	− 7
27	24.49	+ 9	63.72	+ 1	83.58	+36	9.54	− 1	57.23	+ 3	9.37	− 5
28	24.11	+ 8	63.54	+ 5	82.10	+37	9.45	+ 3	57.05	+ 4	9.47	− 2
29	23.73	+ 6	63.35	+ 8	80.64	+31	9.35	+ 6	56.88	+ 4	9.56	+ 2
30	23.36	+ 3	63.16	+10	79.18	+21	9.25	+ 9	56.70	+ 4	9.64	+ 5
31	22.99	0	62.96	+ 9	77.72	+ 7	9.14	+ 9	56.52	+ 3	9.72	+ 7
Nov. 1	22.62	− 3	62.76	+ 7	76.28	− 7	9.02	+ 7	56.34	+ 1	9.79	+ 7
2	22.26	− 5	62.55	+ 3	74.84	−18	8.90	+ 4	56.17	0	9.85	+ 6
3	21.90	− 6	62.34	− 2	73.41	−24	8.78	− 1	55.99	− 2	9.91	+ 2
4	21.55	− 4	62.13	− 6	72.00	−21	8.65	− 5	55.81	− 3	9.96	− 2
5	21.20	− 1	61.91	− 9	70.59	−12	8.51	− 9	55.63	− 3	10.01	− 7
6	20.86	+ 3	61.69	−10	69.19	+ 1	8.37	−11	55.45	− 3	10.05	−10
7	20.52	+ 6	61.46	− 8	67.80	+15	8.22	−10	55.27	− 1	10.09	−10
8	20.18	+ 8	61.23	− 4	66.42	+26	8.07	− 6	55.09	0	10.12	− 9
9	19.84	+ 8	60.99	0	65.06	+30	7.91	− 2	54.91	+ 2	10.14	− 5
10	19.51	+ 6	60.75	+ 5	63.70	+27	7.75	+ 3	54.73	+ 3	10.16	0
11	19.19	+ 2	60.50	+ 8	62.36	+16	7.59	+ 7	54.56	+ 3	10.17	+ 5
12	18.87	− 2	60.25	+ 9	61.02	0	7.42	+10	54.38	+ 3	10.18	+ 9
13	18.55	− 6	60.00	+ 9	59.70	−17	7.24	+10	54.20	+ 1	10.18	+11
14	18.24	−10	59.75	+ 6	58.39	−31	7.06	+ 8	54.02	0	10.18	+11
15	17.94	−11	59.49	+ 2	57.10	−40	6.88	+ 5	53.85	− 2	10.17	+ 9
16	17.64	−10	59.23	− 2	55.82	−42	6.69	+ 1	53.67	− 3	10.15	+ 6
17	17.34	−10	58.96	− 5	54.55	−38	6.50	− 3	53.49	− 4	10.13	+ 2
18	17.05	− 7	58.69	− 8	53.29	−29	6.30	− 6	53.32	− 4	10.10	− 2
19	16.77	− 4	58.42	− 9	52.05	−15	6.10	− 8	53.14	− 3	10.07	− 5
20	16.49	0	58.14	− 8	50.82	− 1	5.89	− 9	52.96	− 2	10.03	− 8
21	16.22	+ 3	57.86	− 7	49.62	+13	5.68	− 7	52.79	− 1	9.98	− 8
22	15.95	+ 6	57.57	− 4	48.42	+25	5.46	− 5	52.62	0	9.93	− 8
23	15.69	+ 8	57.28	0	47.25	+33	5.24	− 2	52.45	+ 2	9.87	− 6
24	15.43	+ 9	56.99	+ 4	46.09	+35	5.01	+ 2	52.28	+ 3	9.81	− 3
25	15.18	+ 8	56.70	+ 7	44.94	+32	4.78	+ 5	52.11	+ 4	9.74	+ 1
26	14.94	+ 5	56.40	+ 9	43.82	+23	4.55	+ 8	51.94	+ 4	9.67	+ 4
27	14.70	+ 2	56.09	+10	42.71	+10	4.31	+ 9	51.77	+ 3	9.59	+ 7
28	14.47	− 1	55.78	+ 8	41.62	− 4	4.07	+ 8	51.60	+ 2	9.50	+ 8
29	14.24	− 4	55.47	+ 4	40.55	−16	3.82	+ 7	51.44	0	9.41	+ 7
sec δ, tg δ	86° 36′ 50″	16.931	+16.901		89° 2′ 0″	59.274	+59.266		82° 16′ 0″	7.431	+7.364	
	60	16.945	+16.915		10	59.445	+59.437		10	7.434	+7.366	

Tag	43 Hev. Cephei $4^m.52$				α Ursae minoris $2^m.12$				Grb 750 $6^m.70$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$0^h\ 58^m$	in ^{s} 0.01	+85° 52′	in ″ 0.01	$1^h\ 35^m$	in ^{s} 0.01	+88° 55′	in ″ 0.01	$4^h\ 13^m$	in ^{s} 0.01	+85° 21′	in ″ 0.01
Nov. 29	40.87	+ 5	26.87	+ 5	80.51	+20	12.69	+ 4	25.71	+ 6	49.82	0
30	40.65	+ 1	27.14	+ 7	79.85	+ 4	13.00	+ 7	25.76	+ 5	50.17	+ 5
Dez. 1	40.44	− 4	27.41	+ 6	79.18	−12	13.31	+ 7	25.81	+ 1	50.52	+ 8
2	40.23	− 8	27.67	+ 4	78.49	−28	13.61	+ 5	25.85	− 2	50.87	+ 9
3	40.01	−10	27.92	0	77.78	−37	13.91	+ 2	25.89	− 6	51.22	+ 8
4	39.79	−10	28.17	− 4	77.06	−38	14.21	− 2	25.92	− 9	51.57	+ 4
5	39.56	− 8	28.41	− 7	76.32	−30	14.50	− 6	25.95	−10	51.92	0
6	39.33	− 4	28.65	− 9	75.56	−15	14.79	− 8	25.97	− 8	52.27	− 4
7	39.09	+ 1	28.89	− 8	74.79	+ 2	15.07	− 8	25.99	− 4	52.62	− 7
8	38.85	+ 6	29.12	− 5	74.01	+20	15.35	− 6	26.01	0	52.96	− 9
9	38.61	+ 9	29.35	− 1	73.21	+33	15.62	− 3	26.02	+ 5	53.31	− 8
10	38.37	+10	29.57	+ 3	72.40	+38	15.89	+ 1	26.02	+ 9	53.65	− 5
11	38.12	+10	29.78	+ 7	71.57	+36	16.15	+ 6	26.02	+11	54.00	− 1
12	37.87	+ 7	29.99	+10	70.73	+26	16.41	+ 9	26.01	+11	54.34	+ 3
13	37.62	+ 3	30.19	+11	69.87	+13	16.66	+11	26.00	+ 9	54.68	+ 6
14	37.37	− 1	30.39	+10	69.00	− 1	16.91	+11	25.98	+ 6	55.02	+ 9
15	37.11	− 4	30.58	+ 8	68.11	−14	17.16	+ 9	25.96	+ 2	55.36	+10
16	36.85	− 7	30.77	+ 5	67.21	−25	17.40	+ 6	25.93	− 1	55.70	+ 9
17	36.58	− 8	30.95	+ 1	66.29	−29	17.64	+ 2	25.90	− 5	56.04	+ 7
18	36.31	− 8	31.12	− 3	65.36	−29	17.87	− 2	25.86	− 7	56.38	+ 3
19	36.04	− 6	31.29	− 6	64.42	−24	18.09	− 5	25.82	− 8	56.71	0
20	35.77	− 3	31.45	− 8	63.47	−14	18.31	− 8	25.77	− 8	57.04	− 4
21	35.50	0	31.61	− 9	62.50	− 2	18.52	− 9	25.72	− 6	57.37	− 7
22	35.23	+ 3	31.76	− 9	61.52	+11	18.73	− 9	25.66	− 3	57.70	− 9
23	34.95	+ 7	31.91	− 6	60.52	+23	18.93	− 7	25.60	0	58.02	−10
24	34.67	+ 8	32.05	− 3	59.52	+31	19.13	− 4	25.53	+ 3	58.34	− 9
25	34.39	+ 9	32.18	+ 1	58.51	+31	19.32	0	25.46	+ 6	58.66	− 6
26	34.10	+ 7	32.31	+ 4	57.48	+25	19.51	+ 3	25.38	+ 7	58.98	− 1
27	33.82	+ 3	32.43	+ 7	56.45	+12	19.69	+ 6	25.30	+ 6	59.30	+ 3
28	33.53	− 1	32.55	+ 7	55.40	− 5	19.86	+ 7	25.21	+ 3	59.61	+ 7
29	33.24	− 6	32.66	+ 5	54.35	−21	20.03	+ 6	25.12	0	59.92	+ 9
30	32.95	− 9	32.76	+ 2	53.29	−34	20.19	+ 4	25.02	− 5	60.23	+ 9
31	32.66	−10	32.85	− 2	52.22	−38	20.34	0	24.92	− 8	60.53	+ 6
32	32.36	− 9	32.94	− 6	51.14	−35	20.49	− 4	24.81	− 9	60.83	+ 2
sec δ, tg δ	85° 52′ 20″	13.893	+13.857		88° 55′ 10″	53.027	+53.018		85° 21′ 50″	12.372	+12.332	
	30	13.902	+13.866		20	53.164	+53.155		60	12.379	+12.339	

Tag	51 Hev. Cephei $5^m.26$				1 Hev. Draconis $4^m.58$				ε Ursae minoris $4^m.40$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$7^h\ 7^m$	in s 0.01	+87° 9′	in ″ 0.01	$9^h\ 26^m$	in s 0.01	+81° 38′	in ″ 0.01	$16^h\ 53^m$	in s 0.01	+82° 9′	in ″ 0.01
	s		″		s		″		s		″	
Nov. 29	32.33	+ 4	43.98	− 7	57.03	0	37.82	− 7	10.12	− 2	33.79	+ 3
30	32.73	+ 8	44.20	− 4	57.21	+ 2	37.82	− 6	10.07	− 2	33.43	− 2
Dez. 1	33.13	+10	44.42	+ 1	57.39	+ 4	37.83	− 3	10.03	− 1	33.06	− 6
2	33.52	+ 8	44.64	+ 5	57.57	+ 4	37.84	+ 1	9.99	0	32.70	− 9
3	33.91	+ 4	44.87	+ 9	57.74	+ 3	37.85	+ 6	9.95	+ 2	32.34	− 9
4	34.29	− 1	45.10	+11	57.92	+ 2	37.87	+ 9	9.92	+ 3	31.97	− 7
5	34.66	− 7	45.33	+10	58.09	0	37.90	+10	9.89	+ 3	31.61	− 4
6	35.02	−11	45.57	+ 6	58.27	− 3	37.93	+ 9	9.86	+ 3	31.24	+ 1
7	35.38	−13	45.82	+ 2	58.45	− 4	37.97	+ 6	9.84	+ 2	30.87	+ 5
8	35.73	−11	46.07	− 3	58.62	− 5	38.01	+ 1	9.82	+ 1	30.50	+ 8
9	36.08	− 7	46.32	− 7	58.79	− 4	38.06	− 4	9.80	− 1	30.13	+ 9
10	36.42	0	46.58	−10	58.97	− 2	38.11	− 8	9.78	− 2	29.76	+ 8
11	36.75	+ 6	46.84	−10	59.14	0	38.17	−10	9.77	− 3	29.39	+ 5
12	37.07	+12	47.10	− 8	59.31	+ 2	38.24	−11	9.76	− 4	29.02	+ 1
13	37.39	+15	47.37	− 5	59.48	+ 4	38.31	−10	9.75	− 3	28.65	− 3
14	37.70	+16	47.64	− 1	59.65	+ 5	38.39	− 7	9.75	− 3	28.28	− 6
15	38.00	+15	47.91	+ 3	59.81	+ 6	38.47	− 3	9.75	− 1	27.91	− 9
16	38.30	+11	48.18	+ 6	59.98	+ 5	38.56	+ 1	9.75	0	27.54	− 9
17	38.59	+ 6	48.46	+ 8	60.15	+ 4	38.66	+ 4	9.76	+ 1	27.17	− 8
18	38.88	0	48.75	+ 8	60.31	+ 2	38.76	+ 7	9.77	+ 2	26.80	− 6
19	39.16	− 5	49.04	+ 7	60.47	0	38.87	+ 8	9.78	+ 3	26.43	− 3
20	39.42	−10	49.33	+ 5	60.63	− 2	38.98	+ 8	9.80	+ 3	26.06	+ 1
21	39.68	−13	49.62	+ 2	60.79	− 4	39.09	+ 6	9.82	+ 2	25.70	+ 4
22	39.93	−14	49.91	− 2	60.95	− 5	39.21	+ 3	9.84	+ 2	25.33	+ 8
23	40.18	−12	50.20	− 5	61.11	− 5	39.34	0	9.86	0	24.96	+10
24	40.41	− 8	50.50	− 8	61.26	− 5	39.47	− 4	9.89	− 1	24.60	+10
25	40.64	− 3	50.80	− 9	61.41	− 3	39.61	− 6	9.92	− 2	24.24	+ 8
26	40.86	+ 2	51.10	− 8	61.56	− 1	39.75	− 8	9.95	− 2	23.88	+ 5
27	41.07	+ 7	51.41	− 6	61.71	+ 1	39.90	− 7	9.99	− 2	23.52	0
28	41.28	+10	51.72	− 1	61.86	+ 3	40.06	− 5	10.03	− 2	23.16	− 4
29	41.48	+10	52.03	+ 4	62.00	+ 4	40.22	− 1	10.07	0	22.80	− 8
30	41.66	+ 7	52.34	+ 8	62.14	+ 4	40.38	+ 4	10.12	+ 1	22.44	− 9
31	41.84	+ 2	52.66	+10	62.28	+ 3	40.55	+ 8	10.17	+ 2	22.09	− 9
32	42.01	− 4	52.97	+ 9	62.42	+ 1	40.73	+10	10.22	+ 3	21.75	− 6
sec δ, tg δ	87° 9′40″ 50	20.191 20.210	+20.166 +20.186		81° 38′30″ 40	6.879 6.882	+6.806 +6.809		82° 9′ 20″ 30	7.327 7.329	+7.258 +7.261	

Tag	δ Ursae minoris 4^m.44 AR.	☾ Gl.	Dekl.	☾ Gl.	λ Ursae minoris 6^m.55 AR.	☾ Gl.	Dekl.	☾ Gl.	76 Draconis 5^m.69 AR.	☾ Gl.	Dekl.	☾ Gl.
1927	17h 55m	in s 0.01	+86° 36′	in ″ 0.01	18h 48m	in s 0.01	+89° 1′	in ″ 0.01	20h 47m	in s 0.01	+82° 16′	in ″ 0.01
Nov. 29	14.24	− 4	55.47	+ 4	40.55	−16	63.82	+ 7	51.44	0	9.41	+ 7
30	14.02	− 6	55.16	0	39.50	−24	63.57	+ 1	51.27	− 1	9.31	+ 4
Dez. 1	13.80	− 6	54.85	− 5	38.46	−24	63.32	− 4	51.11	− 3	9.21	0
2	13.59	− 4	54.53	− 8	37.44	−17	63.06	− 8	50.94	− 3	9.10	− 5
3	13.39	0	54.21	−10	36.44	− 4	62.80	−10	50.78	− 3	8.98	− 9
4	13.20	+ 3	53.89	− 9	35.47	+11	62.53	−10	50.62	− 2	8.86	−11
5	13.01	+ 7	53.57	− 6	34.51	+24	62.26	− 8	50.46	0	8.73	−10
6	12.83	+ 9	53.25	− 2	33.57	+32	61.99	− 4	50.30	+ 1	8.60	− 7
7	12.65	+ 9	52.92	+ 3	32.65	+32	61.72	+ 1	50.14	+ 3	8.46	− 3
8	12.48	+ 6	52.59	+ 7	31.75	+24	61.44	+ 6	49.98	+ 3	8.31	+ 2
9	12.32	+ 2	52.26	+ 9	30.87	+ 9	61.16	+ 9	49.83	+ 3	8.16	+ 7
10	12.17	− 2	51.92	+ 9	30.01	− 7	60.87	+10	49.68	+ 2	8.01	+10
11	12.02	− 6	51.58	+ 7	29.18	−24	60.58	+ 9	49.53	+ 1	7.85	+11
12	11.88	− 9	51.25	+ 4	28.36	−36	60.29	+ 6	49.38	− 1	7.68	+10
13	11.74	−11	50.91	0	27.57	−41	59.99	+ 2	49.23	− 2	7.51	+ 7
14	11.61	−10	50.57	− 4	26.80	−40	59.69	− 2	49.08	− 3	7.34	+ 3
15	11.49	− 9	50.23	− 7	26.06	−33	59.39	− 5	48.94	− 4	7.16	− 1
16	11.38	− 5	49.89	− 9	25.34	−21	59.09	− 7	48.80	− 4	6.97	− 4
17	11.27	− 2	49.54	− 9	24.64	− 7	58.78	− 9	48.66	− 3	6.77	− 7
18	11.17	+ 2	49.19	− 7	23.96	+ 8	58.47	− 8	48.52	− 1	6.57	− 8
19	11.08	+ 5	48.85	− 5	23.31	+20	58.16	− 6	48.38	0	6.37	− 8
20	11.00	+ 7	48.50	− 1	22.68	+30	57.85	− 3	48.24	+ 1	6.16	− 6
21	10.92	+ 8	48.15	+ 2	22.08	+34	57.53	0	48.11	+ 3	5.95	− 4
22	10.85	+ 8	47.80	+ 6	21.50	+33	57.21	+ 4	47.98	+ 4	5.73	− 1
23	10.79	+ 6	47.45	+ 9	20.94	+26	56.89	+ 7	47.85	+ 4	5.51	+ 3
24	10.73	+ 3	47.10	+10	20.41	+14	56.57	+ 9	47.72	+ 3	5.28	+ 6
25	10.68	0	46.75	+ 9	19.90	0	56.25	+ 9	47.60	+ 2	5.05	+ 8
26	10.64	− 5	46.40	+ 6	19.42	−14	55.92	+ 7	47.48	+ 1	4.82	+ 8
27	10.61	− 7	46.04	+ 2	18.96	−23	55.59	+ 3	47.36	− 1	4.58	+ 6
28	10.58	− 6	45.69	− 3	18.53	−27	55.26	− 1	47.24	− 2	4.33	+ 2
29	10.55	− 4	45.34	− 7	18.12	−23	54.92	− 6	47.13	− 3	4.08	− 3
30	10.54	− 1	44.98	−10	17.74	−11	54.59	− 9	47.02	− 3	3.83	− 7
31	10.54	+ 3	44.63	−10	17.39	+ 4	54.26	−11	46.91	− 2	3.57	−10
32	10.54	+ 7	44.28	− 8	17.06	+19	53.92	− 9	46.80	− 1	3.31	−10
sec δ, tg δ	86° 36′ 40″	16.917	+16.887		89° 1′ 50″	59.104	+59.096		82° 16′ 0″	7.431	+7.364	
	50	16.931	+16.901		60	59.274	+59.266		10	7.434	+7.366	

Tag	Octantis 4 G. $5^m.63$				ζ Octantis $5.^m38$				ι Octantis $5^m.38$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	1^h41^m	in ^{s} 0.01	−85° 8′	in ″ 0.01	9^h7^m	in ^{s} 0.01	−85° 22′	in ″ 0.01	12^h47^m	in ^{s} 0.01	−84° 43′	in ″ 0.01
Jan. 0	30.50	−1	46.22	−11	53.55	+5	7.02	+7	5.75	−2	11.41	+10
1	30.25	−4	46.24	−10	53.68	+7	7.34	+4	6.00	+1	11.48	+10
2	29.98	−6	46.26	−8	53.80	+8	7.66	0	6.25	+4	11.57	+8
3	29.72	−7	46.27	−4	53.92	+7	7.99	−4	6.51	+6	11.66	+4
4	29.46	−6	46.27	+1	54.04	+5	8.32	−7	6.76	+7	11.76	0
5	29.20	−4	46.27	+5	54.15	+2	8.66	−8	7.01	+6	11.86	−4
6	28.93	−1	46.26	+8	54.25	−2	8.99	−7	7.26	+3	11.97	−7
7	28.67	+3	46.25	+9	54.35	−5	9.33	−4	7.51	0	12.08	−8
8	28.41	+5	46.23	+8	54.45	−7	9.67	0	7.76	−3	12.20	−7
9	28.15	+7	46.20	+4	54.54	−7	10.01	+4	8.01	−6	12.33	−4
10	27.89	+6	46.17	+1	54.62	−5	10.35	+7	8.25	−7	12.46	−1
11	27.63	+5	46.13	−3	54.70	−3	10.70	+8	8.50	−6	12.60	+3
12	27.37	+2	46.09	−6	54.78	0	11.05	+7	8.75	−4	12.75	+6
13	27.11	−2	46.04	−6	54.85	+3	11.41	+4	9.00	−1	12.90	+6
14	26.85	−4	45.98	−5	54.92	+5	11.77	0	9.24	+2	13.06	+5
15	26.59	−6	45.91	−3	54.98	+5	12.12	−4	9.48	+5	13.22	+3
16	26.33	−7	45.84	0	55.03	+4	12.48	−7	9.72	+7	13.39	0
17	26.07	−6	45.77	+3	55.08	+3	12.84	−9	9.96	+7	13.56	−4
18	25.81	−4	45.69	+6	55.13	0	13.20	−9	10.20	+6	13.74	−7
19	25.55	−2	45.60	+8	55.17	−2	13.56	−8	10.44	+4	13.92	−8
20	25.29	+1	45.51	+8	55.21	−4	13.92	−6	10.67	+2	14.11	−8
21	25.03	+3	45.41	+7	55.24	−5	14.29	−2	10.90	−1	14.30	−7
22	24.77	+5	45.31	+5	55.27	−6	14.66	+1	11.13	−4	14.50	−5
23	24.51	+6	45.20	+2	55.29	−5	15.03	+5	11.36	−6	14.71	−2
24	24.26	+6	45.08	−2	55.31	−4	15.40	+8	11.59	−7	14.92	+2
25	24.00	+5	44.95	−6	55.32	−2	15.77	+9	11.81	−7	15.14	+5
26	23.75	+3	44.82	−9	55.33	+1	16.15	+10	12.03	−5	15.36	+9
27	23.49	+1	44.69	−11	55.33	+4	16.52	+8	12.25	−3	15.58	+10
28	23.24	−2	44.55	−11	55.33	+6	16.89	+6	12.47	0	15.81	+11
29	22.99	−5	44.40	−9	55.32	+8	17.27	+2	12.69	+3	16.05	+9
30	22.74	−7	44.25	−6	55.31	+7	17.64	−2	12.91	+5	16.29	+6
31	22.49	−7	44.09	−2	55.29	+6	18.01	−6	13.12	+6	16.54	+2
Febr. 1	22.24	−5	43.92	+3	55.27	+3	18.39	−8	13.33	+6	16.79	−2
2	21.99	−2	43.75	+7	55.24	0	18.77	−7	13.54	+4	17.05	−6
3	21.75	+1	43.58	+9	55.21	−4	19.14	−5	13.75	+1	17.31	−8
4	21.50	+4	43.40	+8	55.17	−6	19.52	−2	13.95	−2	17.57	−8
5	21.26	+6	43.21	+6	55.13	−7	19.89	+2	14.15	−5	17.84	−6
6	21.02	+7	43.02	+2	55.08	−6	20.27	+5	14.35	−6	18.11	−2
sec δ, tg δ	85° 8′ 40″	11.814	−11.772		85° 22′ 10″	12.387	−12.346		84° 43′ 10″	10.866	−10.820	
	50	11.821	−11.779		20	12.394	−12.354		20	10.871	−10.825	

Tag	Octantis 20 G. 6ᵐ.52				Octantis 26 G. 6ᵐ.13				χ Octantis 5ᵐ.22			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	14ʰ 50ᵐ	in 0.01ˢ	−87° 50′	in 0.01″	16ʰ 32ᵐ	in 0.01ˢ	−86° 13′	in 0.01″	18ʰ 11ᵐ	in 0.01ˢ	−87° 39′	in 0.01″
Jan. 0	8.65ˢ	−12	56.85″	+9	54.43ˢ	−11	59.53″	+6	23.92ˢ	−19	42.01″	+2
1	9.23	−5	56.74	+10	54.68	−7	59.29	+9	24.12	−16	41.70	+5
2	9.81	+3	56.64	+10	54.94	−3	59.07	+10	24.34	−11	41.39	+8
3	10.39	+10	56.54	+8	55.21	+2	58.85	+9	24.57	−3	41.08	+9
4	10.98	+14	56.45	+4	55.48	+6	58.63	+7	24.80	+5	40.77	+8
5	11.58	+15	56.36	−1	55.75	+9	58.41	+3	25.04	+11	40.47	+5
6	12.19	+12	56.28	−5	56.03	+9	58.20	−2	25.29	+15	40.17	+1
7	12.79	+6	56.20	−8	56.31	+7	57.99	−6	25.55	+14	39.87	−4
8	13.40	−2	56.13	−9	56.60	+3	57.79	−9	25.82	+10	39.57	−7
9	14.01	−9	56.07	−8	56.89	−1	57.59	−9	26.10	+4	39.27	−9
10	14.63	−14	56.01	−5	57.18	−5	57.39	−8	26.38	−3	38.97	−9
11	15.26	−15	55.96	−1	57.48	−8	57.20	−4	26.68	−8	38.68	−6
12	15.89	−12	55.91	+3	57.79	−8	57.01	0	26.99	−11	38.39	−2
13	16.52	−6	55.87	+5	58.10	−6	56.83	+4	27.31	−11	38.10	+2
14	17.16	+2	55.84	+7	58.41	−2	56.65	+7	27.64	−7	37.81	+6
15	17.79	+9	55.81	+6	58.73	+2	56.48	+8	27.97	−2	37.52	+8
16	18.43	+15	55.79	+4	59.05	+6	56.31	+7	28.32	+5	37.24	+9
17	19.07	+18	55.77	+1	59.38	+9	56.14	+5	28.67	+10	36.96	+8
18	19.71	+18	55.76	−2	59.71	+11	55.98	+2	29.03	+14	36.68	+5
19	20.35	+15	55.75	−5	60.04	+10	55.83	−2	29.40	+16	36.41	+2
20	20.99	+9	55.76	−7	60.37	+8	55.68	−5	29.77	+15	36.14	−2
21	21.63	+3	55.77	−8	60.71	+5	55.54	−7	30.16	+12	35.87	−5
22	22.28	−4	55.78	−7	61.05	+1	55.40	−8	30.56	+6	35.60	−7
23	22.94	−11	55.80	−6	61.40	−3	55.26	−8	30.97	0	35.34	−8
24	23.59	−16	55.82	−3	61.75	−7	55.13	−6	31.38	−7	35.08	−8
25	24.24	−18	55.85	+1	62.10	−10	55.01	−3	31.80	−13	34.82	−7
26	24.89	−18	55.89	+5	62.45	−12	54.89	0	32.23	−18	34.56	−4
27	25.55	−15	55.93	+8	62.81	−12	54.77	+4	32.66	−19	34.31	0
28	26.20	−9	55.98	+10	63.17	−10	54.66	+8	33.10	−18	34.06	+4
29	26.85	−1	56.03	+11	63.53	−5	54.56	+10	33.55	−14	33.82	+7
30	27.50	+6	56.09	+9	63.89	−1	54.46	+10	34.00	−7	33.58	+9
31	28.15	+13	56.15	+6	64.26	+4	54.36	+8	34.46	+1	33.34	+9
Febr. 1	28.81	+15	56.22	+1	64.63	+7	54.27	+5	34.93	+8	33.11	+7
2	29.47	+13	56.30	−3	65.01	+9	54.19	0	35.41	+13	32.88	+3
3	30.12	+9	56.38	−7	65.39	+8	54.11	−5	35.90	+14	32.65	−2
4	30.77	+1	56.47	−9	65.76	+5	54.03	−8	36.39	+12	32.43	−6
5	31.42	−6	56.56	−9	66.14	+1	53.96	−10	36.89	+7	32.21	−9
6	32.07	−12	56.66	−7	66.52	−3	53.90	−9	37.39	0	32.00	−9
sec δ, tg δ	87° 50′ 50″	26.621	−26.602		86° 13′ 50″	15.211	−15.178		87° 39′ 30″	24.475	−24.454	
	60	26.656	−26.637		60	15.222	−15.189		40	24.504	−24.483	

Tag	σ Octantis $5^m.48$				β Octantis $4^m.34$				π Octantis $5^m.56$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$19^h 40^m$	in 0.01^s	−89° 12′	in 0.01″	$22^h 38^m$	in 0.01^s	−81° 46′	in 0.01″	$23^h 17^m$	in 0.01^s	−87° 53′	in 0.01″
Jan. 0	$58^s.03$	−51	14″.99	−2	$34^s.70$	−4	18″.17	−9	$30^s.18$	−10	26″.91	−10
1	57.98	−51	14.65	+2	34.60	−5	17.96	−5	29.68	−16	26.73	−7
2	57.96	−42	14.31	+6	34.50	−5	17.75	−1	29.19	−18	26.54	−3
3	57.97	−24	13.97	+8	34.40	−4	17.53	+3	28.70	−17	26.34	+1
4	58.00	−3	13.63	+9	34.30	−2	17.30	+6	28.22	−12	26.14	+5
5	58.07	+20	13.29	+7	34.20	0	17.07	+8	27.74	−4	25.94	+8
6	58.17	+36	12.94	+4	34.11	+3	16.83	+8	27.27	+5	25.73	+8
7	58.30	+43	12.60	−1	34.01	+4	16.59	+5	26.80	+12	25.51	+6
8	58.45	+40	12.26	−5	33.92	+5	16.34	+2	26.34	+17	25.29	+3
9	58.64	+27	11.92	−8	33.83	+4	16.09	−2	25.88	+17	25.06	−1
10	58.85	+8	11.58	−9	33.75	+3	15.84	−5	25.43	+14	24.83	−4
11	59.10	−10	11.23	−8	33.66	+1	15.58	−7	24.99	+7	24.59	−6
12	59.38	−25	10.88	−4	33.58	−1	15.31	−7	24.55	−1	24.34	−7
13	59.68	−31	10.54	0	33.50	−3	15.04	−4	24.11	−8	24.09	−5
14	60.02	−29	10.19	+3	33.42	−4	14.77	−1	23.69	−13	23.84	−2
15	60.38	−18	9.84	+7	33.34	−3	14.49	+3	23.27	−15	23.58	+2
16	60.77	−3	9.50	+9	33.26	−2	14.21	+6	22.86	−13	23.32	+5
17	61.19	+13	9.16	+9	33.19	−1	13.93	+9	22.45	−9	23.05	+8
18	61.64	+28	8.82	+8	33.12	+1	13.64	+9	22.06	−3	22.78	+9
19	62.12	+37	8.48	+5	33.05	+2	13.35	+9	21.67	+4	22.50	+9
20	62.63	+41	8.14	+1	32.98	+4	13.06	+6	21.28	+9	22.22	+7
21	63.16	+38	7.80	−2	32.91	+4	12.76	+3	20.91	+13	21.94	+4
22	63.72	+29	7.46	−5	32.85	+4	12.45	0	20.54	+15	21.65	+1
23	64.31	+15	7.12	−8	32.79	+3	12.14	−4	20.18	+14	21.35	−3
24	64.93	−3	6.78	−9	32.73	+2	11.83	−7	19.83	+12	21.05	−6
25	65.58	−22	6.44	−9	32.68	0	11.52	−10	19.49	+6	20.75	−9
26	66.25	−39	6.11	−7	32.62	−2	11.20	−11	19.15	−1	20.45	−11
27	66.95	−51	5.77	−4	32.57	−4	10.88	−10	18.82	−8	20.14	−11
28	67.68	−55	5.44	0	32.52	−5	10.56	−7	18.50	−14	19.83	−9
29	68.43	−49	5.11	+4	32.47	−6	10.23	−4	18.19	−18	19.51	−5
30	69.21	−35	4.79	+7	32.42	−5	9.90	+1	17.89	−18	19.19	−1
31	70.02	−14	4.46	+9	32.38	−3	9.57	+5	17.60	−15	18.87	+3
Febr. 1	70.85	+9	4.13	+8	32.34	−1	9.23	+7	17.32	−8	18.54	+6
2	71.71	+29	3.81	+5	32.30	+2	8.89	+8	17.04	+1	18.21	+8
3	72.59	+41	3.49	+1	32.26	+4	8.55	+6	16.77	+9	17.88	+7
4	73.50	+42	3.17	−3	32.23	+5	8.20	+3	16.52	+16	17.54	+5
5	74.43	+34	2.85	−7	32.20	+5	7.86	0	16.27	+18	17.20	+1
6	75.39	+17	2.54	−9	32.17	+4	7.51	−4	16.02	+16	16.86	−3
sec δ, tg δ	89° 12′ 10″	71.872	−71.865		81° 46′ 10″	6.985	−6.913		87° 53′ 20″	27.146	−27.128	
	20	72.123	−72.116		20	6.988	−6.916		30	27.182	−27.164	

Tag	Octantis 4 G. 5^m.63				ζ Octantis 5^m.38				ι Octantis 5^m.38			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$1^h 41^m$	in s 0.01	−85° 8′	in ″ 0.01	$9^h 7^m$	in s 0.01	−85° 22′	in ″ 0.01	$12^h 47^m$	in s 0.01	−84° 43′	in ″ 0.01
Febr. 6	21.02	+7	43.02	+2	55.08	−6	20.27	+5	14.35	−6	18.11	−2
7	20.78	+5	42.83	−1	{55.03 / 54.98}	{−4 / −1}	{20.64 / 21.01}	{+7 / +7}	14.55	−7	18.39	+1
8	20.54	+3	42.63	−4	54.92	+2	21.38	+5	14.74	−5	18.67	+4
9	20.31	0	42.42	−6	54.86	+4	21.75	+2	14.93	−2	18.96	+6
10	20.07	−3	42.21	−6	54.79	+5	22.13	−2	15.12	+1	19.25	+5
11	19.84	−6	41.99	−4	54.72	+5	22.50	−6	15.30	+4	19.55	+3
12	19.61	−7	41.77	−1	54.64	+3	22.87	−9	15.48	+7	19.85	−1
13	19.38	−7	41.54	+2	54.56	+1	23.24	−10	15.66	+7	20.15	−3
14	19.16	−5	41.31	+6	54.47	−1	23.61	−9	15.84	+7	20.45	−6
15	18.93	−3	41.07	+8	54.38	−3	23.97	−7	16.01	+5	20.76	−8
16	18.71	−1	40.83	+8	54.28	−5	24.34	−4	16.18	+3	21.07	−9
17	18.50	+2	40.59	+8	54.18	−6	24.70	0	16.35	0	21.39	−8
18	18.28	+4	40.34	+6	54.08	−6	25.06	+3	16.52	−3	21.71	−6
19	18.07	+6	40.09	+3	53.97	−4	25.42	+6	16.68	−5	22.03	−3
20	17.86	+7	39.83	0	53.85	−3	25.78	+9	16.84	−6	22.36	0
21	17.65	+6	39.56	−4	53.73	0	26.14	+10	17.00	−7	22.69	+4
22	17.44	+4	39.29	−7	53.61	+3	26.50	+9	17.15	−6	23.02	+7
23	17.24	+2	39.02	−10	53.48	+5	26.85	+7	17.30	−4	23.36	+10
24	17.04	−2	38.75	−11	53.35	+7	27.20	+3	17.45	−2	23.70	+11
25	16.84	−4	38.47	−11	53.21	+8	27.55	0	17.59	+1	24.04	+11
26	16.65	−6	38.19	−8	53.07	+7	27.90	−4	17.73	+4	24.38	+8
27	16.46	−6	37.90	−4	52.93	+5	28.24	−7	17.87	+6	24.73	+4
28	16.27	−5	37.61	+1	52.79	+1	28.58	−7	18.00	+6	25.08	0
März 1	16.08	−3	37.32	+5	52.64	−2	28.92	−6	18.13	+5	25.43	−4
2	15.89	0	37.02	+7	52.48	−5	29.26	−3	18.26	+3	25.78	−7
3	15.71	+3	36.71	+8	52.32	−6	29.60	+1	18.38	−1	26.14	−8
4	15.53	+6	36.40	+7	52.16	−6	29.93	+5	18.50	−4	26.50	−6
5	15.35	+7	36.09	+4	52.00	−5	30.26	+7	18.62	−6	26.86	−4
6	15.18	+6	35.78	0	51.83	−2	30.58	+8	18.74	−7	27.22	0
7	15.01	+4	35.46	−3	51.66	+1	30.91	+6	18.85	−6	27.58	+3
8	14.85	+1	35.14	−5	51.48	+3	31.23	+3	18.96	−3	27.95	+5
9	14.69	−2	34.82	−6	51.30	+5	31.55	−1	19.06	0	28.32	+5
10	14.53	−5	34.50	−4	51.12	+5	31.87	−5	19.16	+3	28.69	+4
11	14.37	−7	34.17	−2	50.93	+4	32.18	−8	19.26	+6	29.06	+1
12	14.22	−7	33.83	+2	50.74	+2	32.49	−10	19.35	+7	29.43	−2
13	14.07	−6	33.50	+5	50.54	0	32.80	−10	19.44	+7	29.81	−5
14	13.92	−4	33.16	+7	50.34	−3	33.10	−8	19.53	+6	30.19	−8
15	13.78	−1	32.82	+9	50.14	−5	33.40	−5	19.61	+4	30.57	−9

sec δ, tg δ								
	85° 8′ 30″	11.807	−11.765	85° 22′ 20″	12.394	−12.354	84° 43′ 20″	10.871	−10.825
	40	11.814	−11.772	30	12.402	−12.361	30	10.877	−10.831

Tag	Octantis 20 G. $6^m.52$				Octantis 26 G. $6^m.13$				χ Octantis $5^m.22$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$14^h 50^m$	in ^{s} 0.01	−87° 50′	in ″ 0.01	$16^h 33^m$	in ^{s} 0.01	−86° 13′	in ″ 0.01	$18^h 11^m$	in ^{s} 0.01	−87° 39′	in ″ 0.01
Febr. 6	$32^s.07$	−12	56″.66	− 7	$6^s.52$	− 3	53″.90	− 9	$37^s.39$	0	32″.00	− 9
7	32.72	−15	56.76	− 3	6.90	− 7	53.84	− 6	37.90	− 6	31.79	− 8
8	33.36	−13	56.87	+ 1	7.28	− 7	53.78	− 2	38.41	−10	31.59	− 4
9	34.00	− 8	56.98	+ 4	7.66	− 6	53.73	+ 2	38.93	−10	31.39	0
10	34.64	− 1	57.10	+ 6	8.05	− 3	53.69	+ 6	39.46	− 8	31.19	+ 4
11	35.29	+ 7	57.23	+ 6	8.44	+ 1	53.65	+ 7	40.00	− 3	31.00	+ 7
12	35.93	+14	57.36	+ 5	8.83	+ 5	53.62	+ 7	40.54	+ 3	30.81	+ 9
13	36.57	+18	57.50	+ 2	9.22	+ 9	53.59	+ 6	41.09	+ 9	30.63	+ 9
14	37.20	+19	57.64	− 1	9.61	+11	53.57	+ 3	41.64	+14	30.45	+ 6
15	37.83	+16	57.79	− 4	10.01	+11	53.55	0	42.19	+16	30.27	+ 3
16	38.46	+12	57.94	− 7	10.40	+10	53.54	− 4	42.75	+16	30.10	0
17	39.09	+ 5	58.09	− 8	10.79	+ 7	53.53	− 6	43.31	+13	29.93	− 4
18	39.71	− 2	58.25	− 8	11.18	+ 3	53.53	− 8	43.88	+ 9	29.77	− 6
19	40.33	− 8	58.42	− 7	11.58	− 1	53.53	− 8	44.45	+ 3	29.61	− 8
20	40.94	−14	58.59	− 4	11.97	− 6	53.54	− 7	45.03	− 4	29.46	− 8
21	41.56	−18	58.77	− 1	12.37	− 9	53.55	− 5	45.62	−10	29.31	− 7
22	42.17	−18	58.95	+ 3	12.77	−11	53.57	− 1	46.21	−16	29.17	− 5
23	42.78	−16	59.13	+ 7	13.16	−12	53.59	+ 3	46.80	−19	29.03	− 1
24	43.38	−11	59.32	+10	13.56	−11	53.62	+ 7	47.39	−19	28.90	+ 2
25	43.98	− 4	59.51	+11	13.96	− 8	53.66	+ 9	47.99	−17	28.77	+ 6
26	44.58	+ 3	59.71	+10	14.36	− 3	53.70	+10	48.59	−11	28.64	+ 9
27	45.17	+ 9	59.91	+ 8	14.75	+ 1	53.74	+ 9	49.19	− 4	28.52	+ 9
28	45.76	+13	60.12	+ 4	15.15	+ 5	53.79	+ 6	49.79	+ 4	28.40	+ 8
März 1	46.34	+13	60.33	− 1	15.54	+ 8	53.84	+ 2	50.40	+10	28.29	+ 5
2	46.92	+10	60.55	− 5	15.94	+ 8	53.90	− 3	51.01	+13	28.18	0
3	47.50	+ 4	60.77	− 8	16.34	+ 6	53.97	− 7	51.63	+12	28.08	− 4
4	48.07	− 4	61.00	− 9	16.73	+ 2	54.04	− 9	52.25	+ 8	27.98	− 8
5	48.64	−11	61.23	− 7	17.13	− 2	54.11	− 9	52.87	+ 2	27.88	−10
6	49.20	−14	61.47	− 4	17.52	− 6	54.19	− 7	53.49	− 4	27.79	− 9
7	49.75	−14	61.71	− 1	17.91	− 8	54.27	− 4	54.12	− 8	27.71	− 6
8	50.30	−11	61.95	+ 3	18.30	− 7	54.36	+ 1	54.74	−10	27.63	− 2
9	50.84	− 4	62.19	+ 5	18.69	− 4	54.45	+ 4	55.37	− 9	27.56	+ 3
10	51.38	+ 4	62.44	+ 6	19.08	0	54.55	+ 7	56.00	− 5	27.49	+ 6
11	51.91	+12	62.70	+ 5	19.47	+ 4	54.65	+ 8	56.63	+ 1	27.43	+ 9
12	52.44	+17	62.96	+ 3	19.86	+ 8	54.75	+ 7	57.27	+ 8	27.37	+ 9
13	52.97	+20	63.22	0	20.25	+11	54.86	+ 4	57.91	+13	27.31	+ 8
14	53.49	+19	63.49	− 4	20.63	+12	54.98	+ 1	58.55	+16	27.26	+ 5
15	54.00	+15	63.76	− 6	21.01	+11	55.10	− 3	59.20	+17	27.22	+ 1
sec δ, tg δ	87° 50′ 50″	26.621	−26.602		86° 13′ 50″	15.211	−15.178		87° 39′ 20″	24.446	−24.425	
	60	26.656	−26.637		60	15.222	−15.189		30	24.475	−24.454	

Tag	σ Octantis $5^m.48$				β Octantis $4^m.34$				τ Octantis $5^m.56$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$19^h 41^m$	in ^{s} 0.01	−89° 11′	in ″ 0.01	$22^h 38^m$	in ^{s} 0.01	−81° 45′	in ″ 0.01	$23^h 17^m$	in ^{s} 0.01	−87° 53′	in ″ 0.01
Febr. 6	$15^s.39$	+17	62″.54	− 9	$32^s.17$	+ 4	67″.51	− 4	$16^s.02$	+16	16″.86	− 3
7	16.37	− 1	62.23	− 8	32.14	+ 2	67.16	− 6	15.79	+11	16.51	− 5
8	17.37	−18	61.92	− 6	32.12	0	66.81	− 7	15.57	+ 3	16.16	− 6
9	18.40	−27	61.61	− 2	32.10	− 2	66.46	− 5	15.35	− 5	15.81	− 5
10	19.45	−29	61.31	+ 2	32.08	− 3	66.10	− 2	15.14	−11	15.46	− 3
11	20.52	−22	61.00	+ 6	32.06	− 4	65.74	+ 2	14.94	−15	15.10	+ 1
12	21.62	− 8	60.70	+ 9	32.04	− 3	65.38	+ 6	14.74	−14	14.74	+ 4
13	22.74	+ 8	60.40	+10	32.03	− 1	65.02	+ 8	14.57	−11	14.38	+ 7
14	23.88	+24	60.11	+ 9	32.02	0	64.65	+10	14.40	− 6	14.01	+ 9
15	25.05	+35	59.82	+ 6	32.02	+ 2	64.29	+ 9	14.23	+ 1	13.64	+10
16	26.24	+41	59.53	+ 3	32.01	+ 3	63.92	+ 8	14.08	+ 7	13.28	+ 8
17	27.44	+41	59.24	− 1	32.01	+ 4	63.56	+ 5	13.93	+12	12.91	+ 6
18	28.67	+34	58.96	− 4	32.01	+ 4	63.19	+ 1	13.80	+15	12.54	+ 3
19	29.91	+21	58.68	− 7	32.01	+ 4	62.82	− 2	13.67	+15	12.17	− 1
20	31.18	+ 4	58.41	− 9	32.02	+ 3	62.45	− 6	13.55	+13	11.80	− 5
21	32.47	−14	58.14	− 9	32.03	+ 1	62.08	− 9	13.44	+ 9	11.42	− 8
22	33.77	−33	57.87	− 8	32.04	− 1	61.71	−10	13.34	+ 2	11.04	−10
23	35.10	−47	57.60	− 5	32.05	− 3	61.34	−10	13.25	− 5	10.66	−11
24	36.44	−55	57.34	− 2	32.07	− 5	60.97	− 9	13.17	−12	10.28	−10
25	37.80	−54	57.08	+ 2	32.09	− 6	60.59	− 6	13.10	−17	9.90	− 7
26	39.18	−43	56.82	+ 6	32.11	− 6	60.22	− 2	13.04	−19	9.52	− 3
27	40.58	−26	56.57	+ 8	32.13	− 4	59.84	+ 2	12.99	−17	9.14	+ 1
28	41.99	− 3	56.32	+ 8	32.15	− 2	59.47	+ 6	12.94	−11	8.75	+ 5
März 1	43.42	+18	56.07	+ 6	32.17	0	59.09	+ 7	12.91	− 3	8.37	+ 7
2	44.87	+33	55.83	+ 3	32.20	+ 3	58.72	+ 6	12.88	+ 6	7.99	+ 7
3	46.34	+40	55.59	− 2	32.23	+ 4	58.34	+ 5	12.87	+13	7.60	+ 5
4	47.82	+36	55.35	− 6	32.27	+ 5	57.96	+ 1	12.86	+17	7.21	+ 2
5	49.32	+23	55.12	− 8	32.30	+ 4	57.59	− 3	12.86	+17	6.82	− 2
6	50.83	+ 6	54.89	− 9	32.34	+ 3	57.21	− 6	12.87	+13	6.43	− 5
7	52.35	−11	54.67	− 7	32.38	0	56.84	− 7	12.90	+ 6	6.05	− 6
8	53.89	−24	54.45	− 4	32.42	− 1	56.46	− 6	12.93	− 2	5.66	− 6
9	55.45	−28	54.23	+ 1	32.47	− 3	56.09	− 3	12.97	− 9	5.27	− 4
10	57.02	−24	54.02	+ 5	32.51	− 4	55.72	+ 1	13.02	−14	4.88	0
11	58.60	−12	53.81	+ 8	32.56	− 3	55.35	+ 5	13.08	−15	4.50	+ 3
12	60.19	+ 4	53.61	+10	32.61	− 2	54.98	+ 8	13.14	−13	4.11	+ 7
13	61.79	+20	53.41	+10	32.66	0	54.61	+10	13.22	− 8	3.72	+ 9
14	63.41	+34	53.21	+ 8	32.72	+ 2	54.24	+10	13.31	− 2	3.33	+10
15	65.04	+42	53.02	+ 5	32.78	+ 3	53.87	+ 9	13.40	+ 5	2.94	+ 9
sec δ, tg δ	89° 11′ 50″	71.373	−71.367		81° 45′ 60″	6.983	−6.911		87° 53′ 0″	27.075	−27.057	
	60	71.623	−71.615		70	6.985	−6.913		10	27.111	−27.092	

Tag	Octantis 4 G. $5^m.63$				ζ Octantis $5^m.38$				ι Octantis $5^m.38$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$1^h 41^m$	in ^{s} 0.01	−85° 8′	in ″ 0.01	$9^h 7^m$	in ^{s} 0.01	−85° 22′	in ″ 0.01	$12^h 47^m$	in ^{s} 0.01	−84° 43′	in ″ 0.01
März 15	$13^s.78$	−1	32″.82	+9	$50^s.14$	−5	33″.40	−5	$19^s.61$	+4	30″.57	−9
16	13.64	+1	32.47	+9	49.93	−6	33.70	−2	19.69	+1	30.94	−9
17	13.51	+4	32.13	+8	49.73	−6	34.00	+1	19.76	−1	31.32	−8
18	13.38	+5	31.78	+5	49.52	−5	34.29	+5	19.84	−4	31.70	−5
19	13.25	+6	31.43	+2	49.31	−4	34.58	+8	19.91	−6	32.08	−2
20	13.12	+6	31.08	−2	49.09	−1	34.86	+9	19.97	−7	32.46	+2
21	13.00	+5	30.73	−6	48.87	+2	35.14	+9	20.03	−7	32.84	+6
22	12.88	+3	30.37	−9	48.64	+4	35.42	+8	20.09	−5	33.22	+9
23	12.77	0	30.01	−11	48.41	+7	35.69	+5	20.14	−3	33.61	+10
24	12.66	−3	29.65	−11	48.18	+8	35.96	+1	20.19	0	33.99	+11
25	12.55	−5	29.28	−9	47.95	+7	36.23	−3	20.24	+3	34.38	+9
26	12.45	−6	28.92	−6	47.72	+6	36.49	−6	20.29	+5	34.76	+6
27	12.35	−6	28.55	−2	47.48	+3	36.75	−7	20.33	+6	35.14	+2
28	12.26	−4	28.19	+3	47.24	0	37.00	−6	20.37	+6	35.53	−2
29	12.17	−1	27.82	+6	47.00	−3	37.25	−4	20.40	+3	35.91	−5
30	12.08	+2	27.45	+7	46.76	−6	37.49	0	20.43	0	36.29	−7
31	11.99	+5	27.08	+7	46.52	−6	37.73	+4	20.46	−3	36.68	−6
April 1	11.91	+7	26.70	+4	46.27	−5	37.97	+7	20.48	−6	37.06	−4
2	11.83	+7	26.33	+1	46.02	−3	38.20	+8	20.50	−7	37.45	−1
3	11.75	+5	25.95	−3	45.77	0	38.42	+7	20.51	−7	37.83	+3
4	11.68	+2	25.57	−5	45.51	+2	38.64	+5	{20.52 {20.53	−5 −2	38.22 38.60	+5} +6}
5	11.62	−1	25.19	−6	45.26	+6	38.86	+1	20.54	+2	38.98	+5
6	11.55	−4	24.82	−5	45.00	+5	39.08	−4	20.54	+5	39.36	+3
7	11.49	−6	24.44	−3	44.74	+4	39.29	−8	20.54	+7	39.74	−1
8	11.44	−7	24.06	+1	44.48	+3	39.49	−10	20.53	+8	40.12	−4
9	11.39	−7	23.68	+4	44.22	0	39.69	−11	20.52	+7	40.50	−7
10	11.35	−5	23.30	+7	43.95	−2	39.89	−10	20.51	+5	40.88	−9
11	11.31	−2	22.92	+9	43.68	−4	40.08	−7	20.49	+2	41.26	−10
12	11.27	0	22.53	+9	43.41	−6	40.27	−4	20.47	0	41.64	−9
13	11.23	+3	22.15	+9	43.14	−6	40.45	0	20.45	−3	42.01	−7
14	11.20	+5	21.76	+7	42.87	−6	40.63	+4	20.43	−5	42.39	−3
15	11.18	+6	21.38	+3	42.59	−4	40.80	+7	20.40	−6	42.76	0
16	11.15	+6	20.99	0	42.32	−2	40.97	+9	20.37	−7	43.13	+4
17	11.13	+6	20.61	−4	42.04	0	41.13	+9	20.33	−6	43.50	+7
18	11.12	+4	20.23	−7	41.77	+3	41.29	+8	20.29	−4	43.86	+10
19	11.11	+1	19.84	−10	41.49	+6	41.45	+6	20.25	−1	44.23	+10
20	11.11	−2	19.46	−11	41.21	+7	41.61	+2	20.20	+2	44.59	+10
21	11.11	−5	19.08	−10	40.93	+8	41.75	−2	20.15	+5	44.96	+7
sec δ, tg δ	85° 8′ 20″	11.801	−11.758		85° 22′ 30″	12.402	−12.361		84° 43′ 30″	10.877	−10.831	
	30	11.807	−11.765		40	12.409	−12.369		40	10.883	−10.837	

Tag	Octantis 20 G. $6^m.52$				Octantis 26 G. $6^m.13$				χ Octantis $5^m.22$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$14^h 50^m$	in s 0.01	−87° 51′	in ″ 0.01	$16^h 33^m$	in s 0.01	−86° 13′	in ″ 0.01	$18^h 11^m$	in s 0.01	−87° 39′	in ″ 0.01
	s		″		s		″		s		″	
März 15	54.00	+15	3.76	− 6	21.01	+11	55.10	− 3	59.20	+17	27.22	+ 1
16	54.50	+ 9	4.03	− 8	21.39	+ 8	55.23	− 6	59.84	+15	27.18	− 3
17	55.00	+ 2	4.31	− 8	21.77	+ 5	55.36	− 8	60.48	+11	27.14	− 6
18	55.49	− 5	4.59	− 8	22.15	0	55.49	− 8	61.12	+ 6	27.11	− 8
19	55.98	−12	4.87	− 5	22.53	− 4	55.63	− 8	61.76	− 1	27.09	− 8
20	56.46	−16	5.16	− 2	22.90	− 8	55.77	− 6	62.40	− 7	27.07	− 8
21	56.93	−18	5.45	+ 1	23.27	−10	55.92	− 3	63.04	−13	27.05	− 6
22	57.39	−17	5.74	+ 5	23.64	−12	56.07	+ 1	63.68	−18	27.04	− 3
23	57.85	−13	6.04	+ 8	24.01	−11	56.23	+ 5	64.32	−19	27.04	+ 1
24	58.30	− 7	6.34	+11	24.38	− 9	56.39	+ 8	64.97	−18	27.04	+ 5
25	58.75	0	6.64	+11	24.74	− 5	56.56	+10	65.61	−13	27.04	+ 8
26	59.19	+ 7	6.94	+ 9	25.10	0	56.73	+10	66.25	− 7	27.05	+ 9
27	59.62	+12	7.25	+ 6	25.46	+ 4	56.90	+ 8	66.89	0	27.07	+ 9
28	60.05	+13	7.56	+ 1	25.82	+ 7	57.08	+ 4	67.53	+ 7	27.09	+ 6
29	60.46	+11	7.87	− 3	26.17	+ 7	57.26	0	68.17	+12	27.11	+ 2
30	60.87	+ 6	8.18	− 6	26.52	+ 6	57.44	− 5	68.81	+12	27.13	− 3
31	61.28	− 2	8.50	− 8	26.87	+ 3	57.63	− 8	69.44	+ 9	27.16	− 7
April 1	61.67	− 9	8.82	− 8	27.22	− 1	57.82	− 9	70.08	+ 4	27.20	− 9
2	62.06	−14	9.14	− 5	27.57	− 5	58.02	− 8	70.72	− 3	27.24	− 9
3	62.44	−16	9.47	− 2	27.91	− 8	58.22	− 5	71.36	− 8	27.29	− 7
4	62.81	−13	9.80	+ 2	28.25	− 8	58.42	− 1	71.99	−11	27.34	− 3
5	63.18	− 7	10.13	+ 5	28.59	− 6	58.63	+ 3	72.62	−11	27.40	+ 1
6	63.54	+ 1	10.46	+ 6	28.92	− 2	58.85	+ 6	73.25	− 7	27.46	+ 5
7	63.89	+ 9	10.79	+ 6	29.25	+ 2	59.06	+ 8	73.88	− 1	27.52	+ 8
8	64.23	+16	11.13	+ 4	29.58	+ 7	59.28	+ 7	74.50	+ 6	27.59	+ 9
9	64.56	+20	11.47	+ 1	29.90	+10	59.50	+ 5	75.12	+12	27.66	+ 8
10	64.88	+20	11.81	− 3	30.22	+12	59.73	+ 2	75.74	+16	27.74	+ 6
11	65.19	+17	12.15	− 6	30.54	+12	59.96	− 1	76.36	+18	27.82	+ 3
12	65.50	+12	12.48	− 8	30.86	+10	60.20	− 5	76.98	+17	27.91	− 1
13	65.80	+ 5	12.82	− 9	31.17	+ 7	60.44	− 7	77.60	+14	28.00	− 4
14	66.09	− 2	13.16	− 8	31.48	+ 3	60.68	− 8	78.21	+ 9	28.10	− 7
15	66.37	− 9	13.50	− 7	31.78	− 2	60.92	− 8	78.82	+ 2	28.20	− 8
16	66.65	−14	13.85	− 4	32.08	− 6	61.17	− 7	79.43	− 4	28.31	− 8
17	66.92	−17	14.20	0	32.37	− 9	61.42	− 4	80.03	−10	28.42	− 7
18	67.18	−17	14.56	+ 3	32.66	−11	61.67	− 1	80.63	−15	28.53	− 4
19	67.43	−14	14.92	+ 7	32.95	−11	61.93	+ 3	81.22	−18	28.65	0
20	67.67	− 9	15.28	+10	33.23	− 9	62.19	+ 7	81.81	−18	28.77	+ 3
21	67.91	− 2	15.64	+11	33.51	− 6	62.45	+10	82.39	−15	28.90	+ 7
sec δ, tg δ	87° 51′ 0″	26.656	−26.637		86° 13′ 50″	15.211	−15.178		87° 39′ 20″	24.446	−24.425	
	10	26.690	−26.671		60	15.222	−15.189		30	24.475	−24.454	

Tag	σ Octantis $5^m.48$				β Octantis $4^m.34$				τ Octantis $5^m.56$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$19^h 42^m$	in ^{s} 0.01	−89° 11′	in ″ 0.01	$22^h 38^m$	in ^{s} 0.01	−81° 45′	in ″ 0.01	$23^h 17^m$	in ^{s} 0.01	−87° 52′	in ″ 0.01
März 15	^{s}5.04	+42	″53.02	+ 5	^{s}32.78	+ 3	″53.87	+ 9	^{s}13.40	+ 5	″62.94	+ 9
16	6.68	+44	52.83	+ 1	32.84	+ 4	53.50	+ 6	13.50	+10	62.55	+ 7
17	8.33	+39	52.65	− 3	32.90	+ 4	53.13	+ 3	13.61	+14	62.17	+ 4
18	9.99	+28	52.47	− 6	32.97	+ 4	52.77	− 1	13.73	+15	61.78	+ 1
19	11.67	+13	52.30	− 8	33.03	+ 3	52.41	− 4	13.86	+14	61.39	− 3
20	13.35	− 5	52.13	− 9	33.10	+ 2	52.05	− 7	13.99	+11	61.01	− 7
21	15.05	−24	51.96	− 8	33.17	0	51.69	−10	14.14	+ 5	60.63	− 9
22	16.75	−41	51.80	− 6	33.25	− 2	51.33	−10	14.30	− 2	60.25	−10
23	18.47	−51	51.65	− 3	33.33	− 4	50.97	− 9	14.46	− 9	59.87	−10
24	20.19	−55	51.50	+ 1	33.41	− 6	50.62	− 7	14.63	−15	59.49	− 8
25	21.92	−49	51.35	+ 5	33.49	− 6	50.26	− 3	14.81	−19	59.11	− 5
26	23.66	−34	51.21	+ 7	33.57	− 5	49.91	+ 1	15.00	−18	58.73	− 1
27	25.40	−14	51.07	+ 8	33.65	− 3	49.56	+ 4	15.20	−14	58.35	+ 3
28	27.15	+ 7	50.94	+ 7	33.73	− 1	49.21	+ 6	15.40	− 7	57.98	+ 6
29	28.91	+25	50.81	+ 4	33.82	+ 2	48.87	+ 6	15.61	+ 2	57.61	+ 6
30	30.67	+35	50.69	0	33.91	+ 4	48.52	+ 5	15.84	+10	57.24	+ 5
31	32.44	+35	50.57	− 5	34.00	+ 5	48.18	+ 1	16.07	+16	56.87	+ 3
April 1	34.22	+26	50.45	− 8	34.09	+ 4	47.84	− 2	16.31	+17	56.50	− 1
2	36.00	+10	50.34	− 9	34.19	+ 3	47.50	− 6	16.56	+15	56.13	− 4
3	37.79	− 8	50.23	− 8	34.28	+ 1	47.16	− 7	16.82	+ 9	55.76	− 6
4	39.58	−22	50.13	− 5	34.38	− 1	46.83	− 7	17.08	+ 1	55.40	− 7
5	41.37	−29	50.04	− 1	34.48	− 3	46.50	− 5	17.35	− 7	55.04	− 5
6	43.17	−27	49.95	+ 3	34.59	− 4	46.17	− 1	17.63	−12	54.69	− 2
7	44.97	−18	49.86	+ 7	34.69	− 4	45.85	+ 3	17.92	−15	54.33	+ 2
8	46.78	− 2	49.78	+10	34.80	− 3	45.52	+ 7	18.21	−14	53.98	+ 6
9	48.58	+15	49.71	+10	34.91	− 1	45.20	+10	18.51	−10	53.63	+ 9
10	50.39	+31	49.64	+ 9	35.02	+ 1	44.88	+11	18.82	− 4	53.28	+11
11	52.20	+42	49.57	+ 6	35.14	+ 3	44.57	+10	19.14	+ 2	52.94	+10
12	54.01	+46	49.51	+ 3	35.26	+ 4	44.26	+ 8	19.47	+ 8	52.59	+ 9
13	55.83	+44	49.45	− 1	35.38	+ 5	43.95	+ 5	19.80	+13	52.25	+ 6
14	57.64	+35	49.40	− 5	35.50	+ 5	43.64	+ 1	20.14	+15	51.91	+ 3
15	59.46	+21	49.35	− 7	35.62	+ 4	43.34	− 3	20.49	+15	51.58	− 1
16	61.27	+ 4	49.31	− 9	35.74	+ 2	43.04	− 6	20.85	+13	51.25	− 5
17	63.09	−15	49.28	− 9	35.86	− 1	42.75	− 9	21.21	+ 8	50.92	− 8
18	64.90	−32	49.25	− 7	35.98	− 2	42.46	−10	21.58	+ 1	50.59	−10
19	66.71	−46	49.22	− 4	36.11	− 3	42.17	− 9	21.95	− 6	50.27	−10
20	68.52	−52	49.20	0	36.23	− 5	41.88	− 7	22.33	−13	49.95	− 9
21	70.33	−50	49.18	+ 3	36.35	− 6	41.60	− 4	22.72	−18	49.64	− 6
sec δ, tg δ	89° 11′ 50″	71.373	−71.367		81° 45′ 40″	6.978	−6.906		87° 52′ 50″	27.040	−27.021	
	60	71.623	−71.615		50	6.981	−6.909		60	27.075	−27.057	

Tag	Octantis 4 G. $5^m.63$				ζ Octantis $5^m.38$				ι Octantis $5^m.38$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$1^h 41^m$	in ^{s} 0.01	−85° 8′	in ″ 0.01	$9^h 7^m$	in ^{s} 0.01	−85° 22′	in ″ 0.01	$12^h 47^m$	in ^{s} 0.01	−84° 43′	in ″ 0.01
April 21	^{s}11.11	−5	″19.08	−10	^{s}40.93	+8	″41.75	−2	^{s}20.15	+5	″44.96	+7
22	11.11	−6	18.69	−7	40.64	+7	41.88	−5	20.10	+5	45.32	+3
23	11.11	−6	18.31	−3	40.36	+4	42.00	−7	20.04	+6	45.68	−1
24	11.12	−5	17.93	+1	40.07	+1	42.13	−8	19.98	+5	46.03	−4
25	11.14	−2	17.55	+5	39.79	−2	42.25	−5	19.92	+2	46.39	−6
26	11.16	+1	17.17	+7	39.50	−5	42.37	−1	19.85	−2	46.74	−6
27	11.18	+4	16.79	+7	39.22	−6	42.48	+2	19.78	−5	47.09	−5
28	11.20	+6	16.41	+5	38.93	−6	42.59	+6	19.71	−7	47.44	−2
29	11.23	+7	16.04	+2	38.65	−4	42.69	+9	19.63	−7	47.78	+2
30	11.27	+6	15.66	−2	38.36	−1	42.79	+9	19.55	−6	48.12	+5
Mai 1	11.31	+4	15.28	−5	38.07	+2	42.88	+7	19.47	−3	48.46	+7
2	11.35	0	14.90	−7	37.78	+4	42.96	+3	19.38	0	48.80	+6
3	11.39	−3	14.53	−6	37.49	+5	43.04	−2	19.29	+4	49.14	+4
4	11.44	−6	14.16	−4	37.20	+5	43.12	−6	19.19	+6	49.47	+1
5	11.50	−7	13.79	−1	36.91	+4	43.19	−9	19.10	+8	49.80	−3
6	11.56	−7	13.42	+2	36.62	+1	43.26	−11	19.00	+8	50.13	−6
7	11.62	−6	13.05	+6	36.33	−1	43.32	−10	18.90	+6	50.45	−9
8	11.68	−4	12.68	+9	36.05	−4	43.37	−8	18.80	+4	50.77	−10
9	11.75	−1	12.32	+10	35.76	−5	43.42	−5	18.69	+1	51.09	−10
10	11.83	+2	11.96	+9	35.47	−6	43.47	−1	18.58	−2	51.40	−8
11	11.91	+4	11.60	+8	35.18	−6	43.51	+2	18.47	−5	51.71	−5
12	11.99	+6	11.24	+5	34.89	−5	43.54	+5	18.35	−6	52.02	−1
13	12.08	+6	10.88	+1	34.60	−3	43.57	+8	18.23	−6	52.33	+2
14	12.17	+6	10.52	−2	34.31	−1	43.59	+9	18.10	−6	52.63	+6
15	12.26	+4	10.17	−6	34.02	+2	43.60	+8	17.98	−4	52.92	+8
16	12.36	+2	9.82	−9	33.73	+4	43.61	+6	17.86	−2	53.22	+10
17	12.46	−1	9.47	−10	33.45	+7	43.62	+3	17.73	+1	53.51	+10
18	12.56	−4	9.13	−10	33.16	+7	43.62	−1	17.59	+4	53.79	+9
19	12.67	−6	8.79	−8	32.88	+7	43.62	−4	17.45	+6	54.07	+4
20	12.78	−7	8.45	−4	32.60	+5	43.61	−7	17.31	+7	54.34	0
21	12.90	−6	8.11	0	32.31	+2	43.59	−7	17.17	+6	54.61	−3
22	13.02	−4	7.77	+4	32.02	−1	43.57	−6	17.03	+3	54.88	−6
23	13.14	−1	7.44	+7	31.74	−4	43.54	−3	16.88	0	55.15	−7
24	13.26	+3	7.11	+7	31.46	−6	43.51	+1	16.73	−4	55.41	−6
25	13.39	+6	6.79	+6	31.18	−6	43.48	+5	16.58	−6	55.67	−3
26	13.52	+7	6.46	+3	30.90	−5	43.44	+8	16.43	−7	55.92	+1
27	13.66	+7	6.14	−1	30.62	−2	43.39	+9	16.27	−7	56.17	+4
28	13.80	+5	5.83	−4	30.34	+1	43.34	+8	16.11	−5	56.41	+7
sec δ, tg	85° 8′ 10″	11.794	−11.752		85° 22′ 40″	12.409	−12.369		84° 43′ 40″	10.883	−10.837	
	20	11.801	−11.758		50	12.417	−12.376		50	10.889	−10.843	

Tag	Octantis 20 G. $6^m.52$				Octantis 26 G. $6^m.13$				χ Octantis $5^m.22$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$14^h 51^m$	in s 0.01	−87° 51′	in ″ 0.01	$16^h 33^m$	in s 0.01	−86° 14′	in ″ 0.01	$18^h 12^m$	in s 0.01	−87° 39′	in ″ 0.01
April 21	7.91	− 2	15.64	+11	33.51	− 6	2.45	+10	22.39	−15	28.90	+ 7
22	8.14	+ 5	16.00	+10	33.79	− 2	2.72	+10	22.98	− 9	29.03	+ 9
23	8.35	+11	16.35	+ 7	34.06	+ 2	2.99	+ 9	23.56	− 2	29.17	+ 9
24	8.56	+14	16.71	+ 3	34.33	+ 6	3.26	+ 6	24.14	+ 5	29.31	+ 8
25	8.76	+12	17.07	− 1	34.59	+ 7	3.54	+ 1	24.71	+10	29.46	+ 4
26	8.95	+ 8	17.43	− 5	34.84	+ 7	3.81	− 3	25.27	+11	29.61	− 1
27	9.13	+ 1	17.78	− 7	35.10	+ 4	4.09	− 7	25.84	+10	29.76	− 5
28	9.30	− 7	18.14	− 8	35.35	0	4.37	− 9	26.39	+ 5	29.92	− 9
29	9.46	−14	18.50	− 6	35.60	− 5	4.65	− 9	26.94	− 1	30.08	−10
30	9.62	−17	18.86	− 3	35.84	− 8	4.93	− 6	27.49	− 7	30.25	− 9
Mai 1	9.76	−16	19.22	+ 1	36.08	− 9	5.22	− 2	28.03	−12	30.42	− 5
2	9.89	−11	19.58	+ 4	36.31	− 8	5.51	+ 2	28.57	−13	30.60	− 1
3	10.02	− 3	19.94	+ 6	36.54	− 5	5.80	+ 5	29.11	−10	30.78	+ 4
4	10.14	+ 5	20.30	+ 6	36.77	0	6.10	+ 7	29.64	− 5	30.96	+ 7
5	{10.24 10.34	+13 +17	20.66 21.03	+ 5} + 2	36.99	+ 5	6.40	+ 8	30.16	+ 2	31.15	+ 9
6	10.43	+20	21.39	− 1	37.20	+ 9	6.70	+ 6	30.68	+ 9	31.34	+ 9
7	10.51	+19	21.75	− 5	37.41	+12	7.00	+ 3	31.19	+15	31.53	+ 7
8	10.58	+14	22.11	− 7	37.62	+12	7.30	0	31.70	+18	31.73	+ 4
9	10.65	+ 8	22.47	− 9	37.82	+11	7.60	− 4	32.20	+18	31.93	0
10	10.70	+ 1	22.83	− 9	38.01	+ 8	7.91	− 7	32.69	+16	32.13	− 3
11	10.74	− 6	23.19	− 8	38.20	+ 5	8.22	− 8	33.18	+11	32.34	− 6
12	10.77	−12	23.55	− 5	38.39	0	8.53	− 8	33.67	+ 6	32.56	− 8
13	10.80	−15	23.91	− 2	38.57	− 4	8.84	− 7	34.15	− 1	32.78	− 8
14	10.82	−17	24.27	+ 2	38.74	− 8	9.16	− 5	34.62	− 8	33.00	− 8
15	10.83	−15	24.62	+ 5	38.91	−10	9.47	− 2	35.08	−13	33.22	− 5
16	10.82	−11	24.98	+ 8	39.08	−11	9.79	+ 2	35.54	−17	33.45	− 2
17	10.81	− 4	25.33	+10	39.24	−10	10.11	+ 6	35.99	−17	33.68	+ 2
18	10.79	+ 3	25.68	+10	39.39	− 7	10.43	+ 9	36.44	−15	33.91	+ 6
19	10.76	+ 9	26.03	+ 8	39.54	− 3	10.75	+10	36.88	−10	34.14	+ 8
20	10.72	+14	26.38	+ 5	39.69	+ 2	11.07	+10	37.31	− 4	34.38	+10
21	10.67	+14	26.73	0	39.83	+ 5	11.39	+ 7	37.73	+ 3	34.62	+ 9
22	10.61	+11	27.08	− 4	39.96	+ 8	11.72	+ 4	38.15	+ 9	34.87	+ 5
23	10.55	+ 4	27.42	− 7	40.09	+ 8	12.04	− 1	38.57	+12	35.12	+ 1
24	10.47	− 4	27.76	− 8	40.21	+ 6	12.37	− 6	38.98	+11	35.37	− 3
25	10.39	−11	28.10	− 7	40.33	+ 1	12.69	− 8	39.37	+ 7	35.62	− 8
26	10.29	−16	28.44	− 4	40.44	− 3	13.02	− 9	39.76	+ 1	35.88	−10
27	10.19	−18	28.78	0	40.55	− 7	13.35	− 7	40.15	− 6	36.14	− 9
28	10.08	−15	29.12	+ 4	40.65	−10	13.68	− 4	40.52	−11	36.40	− 7
sec δ, tg δ	87° 51′ 20″ 30	26.724 26.759	−26.706 −26.740		86° 14′ 0″ 10	15.222 15.233	−15.189 −15.201		87° 39′ 30″ 40	24.475 24.504	−24.454 −24.483	

Tag	σ Octantis $5^m.48$				β Octantis $4^m.34$				τ Octantis $5^m.56$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$19^h 43^m$	in ^{s} 0.01	−89° 11′	in ″ 0.01	$22^h 38^m$	in ^{s} 0.01	−81° 45′	in ″ 0.01	$23^h 17^m$	in ^{s} 0.01	−87° 52′	in ″ 0.01
April 21	$10^s.33$	−50	49″.18	+ 3	$36^s.35$	− 6	41″.60	− 4	$22^s.72$	−18	49″.64	− 6
22	12.14	−39	49.17	+ 6	36.48	− 5	41.32	0	23.12	−19	49.32	− 2
23	13.95	−21	49.16	+ 8	36.61	− 4	41.05	+ 3	23.52	−16	49.01	+ 2
24	15.75	− 1	49.16	+ 8	36.75	− 2	40.78	+ 6	23.93	−10	48.70	+ 5
25	17.55	+19	49.16	+ 5	36.88	+ 1	40.51	+ 6	24.35	− 2	48.40	+ 6
26	19.34	+32	49.17	+ 1	37.02	+ 3	40.25	+ 5	24.77	+ 7	48.10	+ 6
27	21.13	+35	49.18	− 3	37.16	+ 4	39.99	+ 2	25.20	+14	47.81	+ 3
28	22.91	+28	49.20	− 7	37.30	+ 5	39.74	− 1	25.63	+17	47.52	0
29	24.69	+14	49.22	− 9	37.44	+ 4	39.49	− 5	26.07	+16	47.23	− 4
30	26.46	− 4	49.25	− 9	37.58	+ 2	39.24	− 8	26.52	+11	46.95	− 7
Mai 1	28.23	−21	49.28	− 7	37.72	0	39.00	− 8	26.98	+ 4	46.67	− 8
2	30.00	−31	49.32	− 3	37.86	− 2	38.76	− 6	27.44	− 4	46.39	− 7
3	31.75	−32	49.36	+ 1	38.01	− 4	38.52	− 3	27.91	−11	46.12	− 4
4	33.50	−25	49.41	+ 6	38.16	− 4	38.29	+ 1	28.38	−14	45.85	0
5	35.25	−10	49.46	+ 9	38.30	− 3	38.06	+ 5	28.85	−15	45.59	+ 4
6	36.98	+ 8	49.52	+10	38.45	− 2	37.84	+ 9	29.34	−12	45.33	+ 8
7	38.71	+25	49.58	+10	38.60	0	37.63	+11	29.82	− 7	45.07	+10
8	40.43	+39	49.65	+ 7	38.75	+ 2	37.42	+11	30.31	0	44.82	+11
9	42.15	+47	49.72	+ 4	38.90	+ 4	37.21	+ 9	30.81	+ 7	44.57	+10
10	43.85	+47	49.79	0	39.05	+ 4	37.01	+ 6	31.31	+12	44.33	+ 7
11	45.54	+41	49.87	− 3	39.21	+ 5	36.81	+ 3	31.82	+15	44.09	+ 4
12	47.23	+28	49.96	− 6	39.37	+ 4	36.62	− 1	32.34	+16	43.85	0
13	48.90	+12	50.05	− 8	39.53	+ 3	36.43	− 5	32.86	+14	43.62	− 3
14	50.57	− 7	50.14	− 9	39.68	+ 1	36.24	− 7	33.38	+10	43.40	− 7
15	52.22	−25	50.24	− 8	39.84	− 1	36.06	− 9	33.91	+ 4	43.18	− 9
16	53.86	−40	50.35	− 5	40.00	− 3	35.89	− 9	34.45	− 3	42.96	−10
17	55.49	−48	50.46	− 2	40.16	− 4	35.72	− 8	34.98	−10	42.75	− 9
18	57.11	−49	50.57	+ 2	40.32	− 5	35.55	− 5	35.52	−16	42.55	− 6
19	58.72	−41	50.68	+ 6	40.48	− 5	35.39	− 1	36.06	−18	42.35	− 3
20	60.32	−26	50.80	+ 8	40.64	− 4	35.24	+ 2	36.61	−18	42.15	+ 1
21	61.90	− 7	50.93	+ 8	40.80	− 3	35.09	+ 5	37.16	−13	41.96	+ 4
22	63.47	+13	51.06	+ 7	40.96	0	34.95	+ 7	37.72	− 5	41.77	+ 6
23	65.03	+29	51.20	+ 3	41.13	+ 2	34.81	+ 6	38.28	+ 4	41.59	+ 6
24	66.57	+36	51.34	− 1	41.29	+ 4	34.67	+ 4	38.84	+11	41.41	+ 5
25	68.10	+33	51.49	− 6	41.46	+ 5	34.54	0	39.40	+16	41.24	+ 2
26	69.62	+20	51.64	− 9	41.62	+ 4	34.42	− 4	39.97	+17	41.07	− 2
27	71.12	+ 1	51.79	−10	41.79	+ 2	34.30	− 7	40.54	+14	40.91	− 6
28	72.61	−17	51.95	− 9	41.95	0	34.18	− 9	41.11	+ 7	40.75	− 8
sec δ, tg δ	89° 11′ 50″ 60	71.373 71.623	−71.367 −71.615		81° 45′ 30″ 40	6.976 6.978	−6.904 −6.906		87° 52′ 40″ 50	27.005 27.040	−26.986 −27.021	

Tag	Octantis 4 G. 5ᵐ.63				ζ Octantis 5ᵐ.38				ι Octantis 5ᵐ.38			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	1ʰ 41ᵐ	in 0.01ˢ	−85° 7′	in 0.01″	9ʰ 7ᵐ	in 0.01ˢ	−85° 22′	in 0.01″	12ʰ 47ᵐ	in 0.01ˢ	−84° 43′	in 0.01″
Mai 28	13.80ˢ	+5	65.83″	−4	30.34ˢ	+1	43.34″	+8	16.11ˢ	−5	56.41″	+7
29	13.94	+2	65.52	−7	30.07	+3	43.28	+5	15.95	−1	56.65	+8
30	14.09	−1	65.21	−7	29.80	+5	43.22	+1	15.78	+2	56.89	+6
31	14.24	−4	64.90	−6	29.53	+5	43.15	−4	15.61	+5	57.12	+3
Juni 1	14.40	−7	64.60	−3	29.26	+5	43.08	−7	15.44	+7	57.35	−1
2	14.56	−7	64.30	+1	28.99	+3	43.00	−10	15.27	+8	57.58	−5
3	14.72	−6	64.00	+4	28.72	0	42.92	−10	15.09	+7	57.80	−8
4	14.88	−4	63.71	+7	28.45	−3	42.83	−9	14.92	+5	58.01	−9
5	15.05	−2	63.42	+9	28.19	−5	42.74	−6	14.74	+2	58.22	−10
6	15.22	+1	63.14	+10	27.93	−6	42.64	−3	14.56	−1	58.43	−9
7	15.39	+3	62.86	+8	27.67	−6	42.53	+1	14.38	−4	58.63	−6
8	15.56	+5	62.58	+6	27.41	−6	42.42	+4	14.20	−6	58.82	−3
9	15.74	+6	62.31	+3	27.15	−4	42.31	+7	14.01	−7	59.01	+1
10	15.92	+6	62.04	−1	26.89	−2	42.19	+9	13.82	−6	59.20	+4
11	16.11	+5	61.78	−5	26.64	+1	42.06	+9	13.63	−5	59.38	+7
12	16.29	+3	61.52	−8	26.39	+3	41.93	+7	13.44	−3	59.55	+9
13	16.48	0	61.26	−10	26.15	+6	41.80	+4	13.24	0	59.72	+10
14	16.68	−3	61.01	−10	25.90	+7	41.66	+1	13.04	+3	59.89	+8
15	16.87	−5	60.76	−9	25.66	+7	41.52	−3	12.85	+5	60.05	+6
16	17.07	−7	60.52	−6	25.42	+6	41.37	−6	12.66	+7	60.20	+2
17	17.27	−6	60.28	−1	25.18	+3	41.22	−8	12.46	+6	60.35	−2
18	17.47	−5	60.04	+3	24.95	0	41.06	−7	12.26	+4	60.50	−6
19	17.68	−2	59.81	+6	24.72	−3	40.90	−5	12.06	+1	60.64	−7
20	17.89	+1	59.58	+8	24.49	−6	40.73	−1	11.86	−2	60.78	−7
21	18.10	+5	59.36	+7	24.26	−6	40.56	+2	11.65	−5	60.91	−5
22	18.31	+7	59.15	+5	24.04	−6	40.38	+7	11.44	−7	61.03	−1
23	18.53	+7	58.94	+1	23.82	−4	40.20	+9	11.24	−7	61.15	+3
24	18.75	+6	58.73	−3	23.60	−1	40.01	+9	11.03	−6	61.26	+6
25	18.97	+3	58.53	−6	23.38	+2	39.82	+7	10.82	−3	61.36	+8
26	19.19	0	58.34	−8	23.17	+5	39.63	+3	10.61	+1	61.46	+7
27	19.41	−3	58.15	−7	22.96	+6	39.43	−2	10.40	+4	61.56	+5
28	19.63	−6	57.96	−5	22.76	+5	39.23	−6	10.19	+6	61.65	+1
29	19.86	−7	57.78	−1	22.56	+4	39.02	−9	9.97	+7	61.73	−3
30	20.09	−7	57.61	+3	22.36	+1	38.81	−10	9.75	+7	61.81	−6
Juli 1	20.33	−5	57.44	+6	22.17	−1	38.59	−10	9.54	+5	61.88	−8
2	20.56	−3	57.28	+8	21.98	−4	38.37	−7	9.32	+3	61.95	−10
3	20.80	0	57.12	+9	21.79	−6	38.15	−4	9.11	0	62.01	−9
4	21.04	+3	56.97	+9	21.60	−6	37.92	0	8.89	−3	62.07	−7
sec δ, tg δ	85° 7′ 60″	11.787	−11.745		85° 22′ 30″	12.402	−12.361		84° 43′ 50″	10.889	−10.843	
	70	11.794	−11.752		40	12.409	−12.369		60	10.894	−10.848	

Tag	Octantis 20 G. $6^m.52$				Octantis 26 G. $6^m.13$				χ Octantis $5^m.22$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$14^h 51^m$	in s 0.01	−87° 51′	in ″ 0.01	$16^h 33^m$	in s 0.01	−86° 14′	in ″ 0.01	$18^h 12^m$	in s 0.01	−87° 39′	in ″ 0.01
Mai 28	10.08	−15	29.12	+ 4	40.65	−10	13.68	− 4	40.52	−11	36.40	− 7
29	9.96	− 8	29.45	+ 6	40.75	− 9	14.00	0	40.88	−14	36.66	− 3
30	9.83	+ 1	29.79	+ 7	40.84	− 7	14.33	+ 4	41.24	−13	36.93	+ 2
31	9.69	+ 9	30.12	+ 6	40.93 41.01	− 3 + 2	14.66 14.99	+ 7 + 8	41.59	− 9	37.20	+ 6
Juni 1	9.54	+16	30.45	+ 4	41.09	+ 7	15.33	+ 7	41.93	− 2	37.47	+ 8
2	9.38	+19	30.78	0	41.16	+10	15.66	+ 5	42.27	+ 5	37.75	+ 9
3	9.22	+19	31.10	− 3	41.22	+12	15.99	+ 1	42.60	+12	38.03	+ 8
4	9.04	+16	31.42	− 6	41.28	+12	16.32	− 2	42.92	+17	38.31	+ 5
5	8.86	+10	31.74	− 8	41.34	+10	16.65	− 5	43.23	+18	38.59	+ 2
6	8.67	+ 3	32.05	− 9	41.39	+ 6	16.98	− 8	43.53	+17	38.88	− 2
7	8.47	− 4	32.36	− 8	41.43	+ 2	17.31	− 9	43.83	+13	39.16	− 5
8	8.26	−10	32.67	− 6	41.46	− 2	17.63	− 8	44.11	+ 8	39.45	− 7
9	8.04	−14	32.98	− 3	41.49	− 6	17.96	− 6	44.39	+ 1	39.74	− 9
10	7.81	−17	33.29	0	41.51	− 9	18.29	− 3	44.66	− 5	40.03	− 8
11	7.57	−16	33.59	+ 4	41.53	−11	18.61	0	44.92	−11	40.33	− 6
12	7.32	−12	33.89	+ 7	41.54	−10	18.94	+ 4	45.17	−15	40.63	− 3
13	7.07	− 6	34.19	+ 9	41.55	− 8	19.27	+ 8	45.42	−17	40.93	0
14	6.81	+ 1	34.48	+10	41.55	− 4	19.59	+10	45.66	−16	41.23	+ 4
15	6.54	+ 8	34.77	+ 9	41.55	0	19.91	+10	45.88	−12	41.53	+ 7
16	6.27	+13	35.06	+ 6	41.54	+ 4	20.23	+ 8	46.10	− 6	41.83	+ 9
17	5.99	+15	35.34	+ 2	41.52	+ 7	20.55	+ 5	46.31	+ 1	42.13	+ 9
18	5.70	+13	35.62	− 3	41.50	+ 9	20.87	0	46.51	+ 8	42.44	+ 7
19	5.40	+ 8	35.89	− 6	41.48	+ 7	21.19	− 4	46.70	+12	42.74	+ 3
20	5.09	0	36.16	− 8	41.45	+ 4	21.51	− 8	46.88	+13	43.05	− 2
21	4.77	− 8	36.43	− 8	41.41	− 1	21.83	− 9	47.05	+10	43.36	− 6
22	4.44	−14	36.70	− 6	41.37	− 5	22.14	− 8	47.22	+ 5	43.67	− 9
23	4.11	−18	36.96	− 2	41.32	− 9	22.45	− 6	47.37	− 2	43.99	−10
24	3.77	−16	37.22	+ 2	41.26	−10	22.76	− 1	47.51	− 9	44.30	− 8
25	3.43	−11	37.47	+ 5	41.20	− 9	23.07	+ 3	47.65	−12	44.61	− 5
26	3.08	− 3	37.72	+ 7	41.14	− 5	23.38	+ 6	47.77 47.89	−14 −11	44.92 45.24	0 + 4
27	2.72	+ 5	37.96	+ 7	41.07	0	23.69	+ 8	48.00	− 5	45.55	+ 8
28	2.35	+13	38.20	+ 5	41.00	+ 5	23.99	+ 8	48.10	+ 2	45.87	+ 9
29	1.98	+18	38.44	+ 2	40.92	+ 9	24.29	+ 6	48.19	+ 9	46.18	+ 9
30	1.60	+19	38.67	− 1	40.83	+11	24.59	+ 3	48.27	+14	46.50	+ 6
Juli 1	1.21	+17	38.90	− 5	40.74	+12	24.89	− 1	48.35	+17	46.81	+ 3
2	0.81	+13	39.13	− 8	40.64	+10	25.19	− 4	48.41	+17	47.13	0
3	0.41	+ 6	39.35	− 9	40.54	+ 7	25.48	− 7	48.46	+15	47.44	− 4
4	0.00	− 1	39.56	− 9	40.43	+ 3	25.77	− 8	48.50	+10	47.75	− 7
sec δ, tg δ	87° 51′ 30″	26.759	−26.740		86° 14′ 10″	15.233	−15.201		87° 39′ 40″	24.504	−24.483	
	40	26.794	−26.775		20	15.245	−15.212		50	24.533	−24.513	

Tag	σ Octantis $5^m.48$				β Octantis $4^m.34$				τ Octantis $5^m.56$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$19^h 44^m$	in ^{s} 0.01	$-89° 11'$	in $''$ 0.01	$22^h 38^m$	in ^{s} 0.01	$-81° 45'$	in $''$ 0.01	$23^h 17^m$	in ^{s} 0.01	$-87° 52'$	in $''$ 0.01
Mai 28	^{s}12.61	−17	$''$51.95	− 9	^{s}41.95	0	$''$34.18	− 9	^{s}41.11	+ 7	$''$40.75	− 8
29	14.08	−31	52.11	− 5	42.12	− 2	34.07	− 8	41.69	− 1	40.60	− 8
30	15.53	−36	52.28	− 1	42.28	− 3	33.97	− 5	42.27	− 9	40.45	− 6
31	16.97	−32	52.45	+ 3	42.45	− 4	33.87	− 1	42.85	−14	40.31	− 3
Juni 1	18.39	−20	52.63	+ 8	42.62	− 4	33.78	+ 3	43.44	−16	40.18	+ 2
2	19.80	− 2	52.81	+10	42.79	− 3	33.69	+ 7	44.03	−14	40.05	+ 6
3	21.19	+17	52.99	+10	42.95	− 1	33.61	+10	44.62	− 9	39.92	+ 9
4	22.56	+34	53.18	+ 8	43.12	+ 1	33.53	+11	45.21	− 2	39.80	+10
5	23.91	+44	53.38	+ 5	43.29	+ 3	33.46	+10	45.81	+ 4	39.69	+10
6	25.25	+48	53.57	+ 2	43.46	+ 4	33.40	+ 8	46.40	+10	39.58	+ 8
7	26.57	+44	53.77	− 2	43.62	+ 5	33.34	+ 4	47.00	+15	39.48	+ 5
8	27.86	+34	53.97	− 5	43.79	+ 4	33.28	0	47.59	+16	39.38	+ 2
9	29.14	+19	54.18	− 8	43.95	+ 4	33.23	− 3	48.19	+15	39.29	− 2
10	30.40	+ 1	54.39	− 9	44.12	+ 2	33.18	− 6	48.79	+12	39.20	− 5
11	31.64	−18	54.61	− 8	44.29	0	33.14	− 9	49.39	+ 6	39.12	− 8
12	32.87	−34	54.83	− 6	44.45	− 2	33.11	− 9	50.00	0	39.04	− 9
13	34.07	−45	55.05	− 3	44.62	− 4	33.08	− 8	50.60	− 8	38.97	− 9
14	35.24	−50	55.28	+ 1	44.78	− 5	33.06	− 6	51.21	−14	38.90	− 7
15	36.40	−45	55.51	+ 4	44.95	− 5	33.04	− 3	51.81	−18	38.84	− 4
16	37.54	−32	55.74	+ 7	45.11	− 5	33.03	+ 2	52.41	−18	38.79	0
17	38.66	−13	55.98	+ 9	45.28	− 3	33.02	+ 5	53.01	−15	38.74	+ 4
18	39.75	+ 8	56.22	+ 8	45.44	− 1	33.02	+ 7	53.62	− 8	38.70	+ 6
19	40.83	+26	56.46	+ 5	45.61	+ 1	33.02	+ 7	54.22	0	38.66	+ 7
20	41.88	+37	56.70	+ 1	45.77	+ 3	33.03	+ 6	54.82	+ 9	38.63	+ 6
21	42.91	+38	56.95	− 4	45.93	+ 5	33.05	+ 2	55.43	+15	38.60	+ 4
22	43.92	+28	57.20	− 7	46.10	+ 5	33.07	− 2	56.03	+18	38.58	0
23	44.91	+11	57.45	− 9	46.26	+ 3	33.10	− 6	56.63	+16	38.57	− 4
24	45.87	− 8	57.71	− 9	46.42	+ 1	33.13	− 8	57.23	+11	38.56	− 7
25	46.81	−27	57.97	− 7	46.58	− 1	33.16	− 9	57.83	+ 2	38.55	− 8
26	47.73	−40	58.23	− 3	46.74	− 3	33.20	− 7	58.43	− 6	38.55	− 7
27	48.62	−36	58.50	+ 2	46.90	− 4	33.25	− 4	59.03	−12	38.56	− 5
28	49.49	−28	58.77	+ 6	47.06	− 4	33.30	+ 1	59.62	−16	38.57	0
29	50.33	−11	59.04	+ 9	47.21	− 3	33.36	+ 5	60.21	−15	38.59	+ 4
30	51.15	+ 7	59.31	+10	47.37	− 2	33.42	+ 8	60.80	−12	38.62	+ 7
Juli 1	51.95	+26	59.59	+ 9	47.53	0	33.49	+10	61.39	− 5	38.65	+10
2	52.72	+39	59.87	+ 7	47.69	+ 2	33.56	+10	61.98	+ 1	38.69	+10
3	53.47	+46	60.15	+ 3	47.84	+ 4	33.64	+ 8	62.57	+ 8	38.73	+ 9
4	54.19	+45	60.43	− 1	47.99	+ 5	33.73	+ 5	63.15	+13	38.78	+ 6
sec δ, tg δ	89° 11′50″	71.373	−71.367		81° 45′30″	6.976	−6.904		87° 52′30″	26.969	−26.950	
	60	71.623	−71.615		40	6.978	−6.906		40	27.005	−26.986	

Tag	Octantis 4 G. 5^m.63				ζ Octantis 5^m.38				ι Octantis 5^m.38			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	1^h 41^m	in 0.01 s	−85° 7′	in 0.01″	9^h 7^m	in 0.01 s	−85° 22′	in 0.01″	12^h 47^m	in 0.01 s	−84° 44′	in 0.01″
Juli 4	21.04 s	+3	56.97″	+9	21.60 s	−6	37.92″	0	8.89 s	−3	2.07″	−7
5	21.27	+5	56.82	+7	21.42	−6	37.69	+3	8.67	−5	2.12	−4
6	21.51	+6	56.68	+4	21.24	−5	37.45	+6	8.45	−6	2.16	0
7	21.75	+6	56.54	0	21.07	−3	37.21	+8	8.24	−7	2.20	+3
8	21.99	+5	56.41	−3	20.90	0	36.97	+9	8.02	−6	2.23	+7
9	22.23	+4	56.28	−7	20.73	+3	36.73	+8	7.80	−4	2.26	+9
10	22.48	+1	56.16	−9	20.56	+5	36.48	+6	7.58	−1	2.28	+10
11	22.73	−2	56.04	−10	20.40	+7	36.23	+2	7.36	+2	2.30	+9
12	22.98	−4	55.93	−10	20.25	+7	35.97	−1	7.14	+5	2.31	+7
13	23.23	−6	55.83	−7	20.10	+7	35.71	−5	6.92	+6	2.32	+3
14	23.48	−7	55.73	−3	19.95	+4	35.45	−7	6.70	+7	2.32	−1
15	23.73	−6	55.64	+1	19.80	+1	35.18	−8	6.48	+5	2.31	−5
16	23.98	−3	55.55	+5	19.66	−2	34.92	−6	6.26	+3	2.30	−7
17	24.23	0	55.47	+8	19.53	−5	34.65	−3	6.05	0	2.28	−8
18	24.48	+3	55.40	+8	19.40	−7	34.38	+1	5.83	−4	2.26	−6
19	24.74	+6	55.33	+7	19.27	−6	34.10	+5	5.61	−7	2.23	−3
20	25.00	+7	55.27	+3	19.15	−5	33.82	+8	5.39	−7	2.20	+1
21	25.25	+7	55.21	−1	19.03	−2	33.54	+9	5.17	−6	2.16	+4
22	25.51	+5	55.16	−4	18.91	+1	33.25	+8	4.95	−4	2.11	+7
23	25.76	+1	55.11	−7	18.80	+4	32.97	+4	4.74	−1	2.06	+7
24	26.02	−2	55.07	−7	18.70	+6	32.68	0	4.52	+3	2.00	+6
25	26.27	−5	55.04	−6	18.59	+6	32.39	−4	4.31	+6	1.94	+3
26	26.53	−7	55.01	−3	18.49	+5	32.10	−8	4.09	+7	1.87	−1
27	26.78	−7	54.99	+1	18.40	+2	31.80	−10	3.88	+7	1.80	−5
28	27.04	−6	54.97	+5	18.31	0	31.51	−10	3.67	+6	1.72	−8
29	27.29	−4	54.96	+8	18.23	−3	31.21	−8	3.46	+4	1.63	−9
30	27.55	−1	54.96	+9	18.15	−5	30.91	−6	3.25	+1	1.54	−9
31	27.80	+2	54.96	+9	18.08	−6	30.60	−2	3.04	−2	1.44	−8
Aug. 1	28.06	+4	54.97	+8	18.01	−6	30.30	+2	2.83	−4	1.34	−5
2	28.31	+6	54.98	+5	17.94	−5	29.99	+5	2.62	−6	1.23	−2
3	28.56	+6	55.00	+2	17.88	−4	29.68	+8	2.42	−7	1.12	+2
4	28.81	+6	55.02	−2	17.82	−1	29.38	+9	2.21	−6	1.00	+6
5	29.06	+4	55.05	−6	17.77	+2	29.07	+8	2.01	−4	0.88	+8
6	29.31	+2	55.09	−9	17.72	+4	28.75	+7	1.81	−2	0.75	+10
7	29.56	0	55.13	−11	17.68	+6	28.44	+4	1.62	+1	0.62	+10
8	29.81	−3	55.18	−10	17.64	+8	28.13	0	1.42	+3	0.48	+8
9	30.06	−5	55.24	−9	17.61	+7	27.81	−3	1.22	+6	0.33	+5
10	30.31	−7	55.30	−5	17.58	+6	27.50	−6	1.03	+7	0.18	+1
sec δ, tg δ	85° 7′ 50″ 60	11.781 11.787	−11.738 −11.745		85° 22′ 30″ 40	12.402 12.409	−12.361 −12.369		84° 44′ 0″ 10	10.894 10.900	−10.848 −10.854	

Tag	Octantis 20 G. $6^m.52$				Octantis 26 G. $6^m.13$				χ Octantis $5^m.22$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$14^h 50^m$	in ^{s} 0.01	−87° 51′	in ″ 0.01	$16^h 33^m$	in ^{s} 0.01	−86° 14′	in ″ 0.01	$18^h 12^m$	in ^{s} 0.01	−87° 39′	in ″ 0.01
Juli 4	60.00	− 1	39.56	− 9	40.43	+ 3	25.77	− 8	48.50	+10	47.75	− 7
5	59.58	− 8	39.77	− 7	40.32	− 1	26.06	− 8	48.54	+ 4	48.07	− 8
6	59.16	−13	39.98	− 4	40.20	− 5	26.34	− 7	48.56	− 3	48.38	− 8
7	58.74	−16	40.18	− 1	40.08	− 8	26.62	− 4	48.57	− 9	48.69	− 7
8	58.31	−17	40.37	+ 3	39.95	−10	26.90	− 1	48.57	−14	49.01	− 4
9	57.87	−14	40.56	+ 6	39.82	−11	27.18	+ 3	48.57	−17	49.32	− 1
10	57.42	− 9	40.75	+ 9	39.68	− 9	27.45	+ 6	48.55	−17	49.64	+ 3
11	56.97	− 2	40.93	+10	39.53	− 6	27.72	+ 9	48.52	−14	49.95	+ 6
12	56.51	+ 5	41.11	+10	39.38	− 2	27.99	+10	48.49	− 9	50.27	+ 9
13	56.05	+11	41.28	+ 7	39.23	+ 3	28.26	+ 9	48.45	− 2	50.58	+ 9
14	55.58	+14	41.44	+ 3	39.07	+ 6	28.52	+ 6	48.40	+ 5	50.89	+ 8
15	55.11	+15	41.61	− 1	38.91	+ 9	28.78	+ 2	48.34	+11	51.20	+ 5
16	54.64	+11	41.76	− 5	38.74	+ 8	29.03	− 3	48.27	+14	51.50	0
17	54.16	+ 4	41.91	− 8	38.57	+ 6	29.28	− 7	48.19	+13	51.81	− 4
18	53.68	− 4	42.06	− 9	38.40	+ 2	29.53	− 9	48.10	+ 8	52.11	− 8
19	53.20	−11	42.20	− 7	38.22	− 3	29.77	− 9	48.00	+ 2	52.41	−10
20	52.70	−16	42.34	− 4	38.03	− 7	30.01	− 7	47.89	− 5	52.72	− 9
21	52.20	−17	42.47	0	37.84	− 9	30.25	− 3	47.77	−11	53.02	− 6
22	51.70	−13	42.60	+ 4	37.65	− 9	30.48	+ 1	47.64	−13	53.32	− 2
23	51.19	− 6	42.72	+ 7	37.45	− 6	30.71	+ 5	47.50	−12	53.61	+ 3
24	50.68	+ 2	42.84	+ 8	37.24	− 2	30.93	+ 8	47.35	− 8	53.91	+ 7
25	50.17	+10	42.95	+ 6	37.03	+ 3	31.15	+ 8	47.20	− 1	54.20	+ 9
26	49.66	+17	43.05	+ 4	36.82	+ 7	31.37	+ 7	47.04	+ 6	54.49	+ 9
27	49.14	+19	43.15	0	36.61	+10	31.58	+ 4	46.87	+12	54.78	+ 8
28	48.62	+18	43.24	− 4	36.39	+12	31.79	+ 1	46.70	+16	55.06	+ 5
29	48.09	+14	43.32	− 7	36.16	+11	31.99	− 3	46.51	+18	55.34	+ 1
30	47.56	+ 8	43.40	− 9	35.93	+ 8	32.19	− 6	46.31	+16	55.62	− 3
31	47.03	+ 1	43.48	− 9	35.69	+ 5	32.38	− 8	46.10	+12	55.90	− 6
Aug. 1	46.49	− 6	43.55	− 8	35.45	0	32.57	− 9	45.89	+ 6	56.18	− 8
2	45.96	−12	43.61	− 6	35.21	− 4	32.76	− 8	45.67	− 1	56.45	− 9
3	45.42	−15	43.67	− 2	34.96	− 7	32.94	− 5	45.43	− 7	56.72	− 8
4	44.88	−17	43.72	+ 2	34.72	−10	33.11	− 2	45.19	−13	56.99	− 6
5	44.34	−15	43.77	+ 5	34.47	−11	33.28	+ 2	44.95	−17	57.25	− 2
6	43.80	−12	43.81	+ 8	34.22	−10	33.45	+ 5	44.69	−18	57.51	+ 1
7	43.26	− 6	43.84	+10	33.96	− 8	33.61	+ 9	44.42	−16	57.77	+ 5
8	42.72	+ 1	43.87	+10	33.70	− 4	33.76	+10	44.15	−12	58.02	+ 8
9	42.17	+ 8	43.89	+ 9	33.43	0	33.91	+10	43.86	− 6	58.27	+ 9
10	41.62	+13	43.91	+ 5	33.16	+ 5	34.06	+ 8	43.57	+ 2	58.52	+ 9
sec δ, tg δ	87° 51′ 40″	26.794	−26.775		86° 14′ 20″	15.245	−15.212		87° 39′ 50″	24.533	−24.513	
	50	26.829	−26.810		30	15.256	−15.223		60	24.562	−24.542	

Tag	σ Octantis $5^m.48$				β Octantis $4^m.34$				τ Octantis $5^m.56$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$19^h 44^m$	in ^{s} 0.01	−89° 12′	in ″ 0.01	$22^h 38^m$	in ^{s} 0.01	−81° 45′	in ″ 0.01	$23^h 18^m$	in ^{s} 0.01	−87° 52′	in ″ 0.01
Juli 4	^{s}54.19	+45	″0.43	− 1	^{s}47.99	+ 5	″33.73	+ 5	^{s}3.15	+13	″38.78	+ 6
5	54.88	+38	0.72	− 4	48.14	+ 5	33.82	+ 2	3.73	+16	38.84	+ 3
6	55.55	+24	1.00	− 7	48.29	+ 4	33.91	− 2	4.30	+16	38.90	− 1
7	56.19	+ 7	1.29	− 9	48.44	+ 3	34.01	− 5	4.87	+13	38.96	− 4
8	56.81	−12	1.58	− 9	48.59	+ 1	34.12	− 8	5.44	+ 8	39.03	− 7
9	57.40	−29	1.87	− 7	48.73	− 1	34.23	− 9	6.01	+ 2	39.10	− 9
10	57.97	−43	2.17	− 4	48.87	− 3	34.34	− 9	6.57	− 5	39.18	−10
11	58.51	−50	2.47	− 1	49.01	− 5	34.46	− 7	7.13	−12	39.27	− 8
12	59.02	−49	2.77	+ 3	49.15	− 5	34.59	− 4	7.69	−17	39.36	− 6
13	59.51	−39	3.07	+ 6	49.29	− 5	34.72	0	8.24	−19	39.46	− 2
14	59.96	−21	3.37	+ 8	49.43	− 4	34.86	+ 3	8.79	−17	39.56	+ 2
15	60.39	0	3.67	+ 8	49.57	− 2	35.00	+ 6	9.33	−11	39.67	+ 5
16	60.79	+21	3.97	+ 7	49.70	0	35.15	+ 8	9.86	− 3	39.78	+ 7
17	61.17	+39	4.28	+ 3	49.83	+ 3	35.30	+ 7	10.39	+ 6	39.90	+ 7
18	61.52	+44	4.59	− 2	49.96	+ 5	35.45	+ 4	10.92	+13	40.02	+ 5
19	{61.84 {62.13	+ 36 + 22	4.89 5.20	− 6} − 9}	50.09	+ 5	35.61	0	11.44	+18	40.15	+ 2
20	62.40	+ 2	5.51	−10	50.22	+ 4	35.77	− 4	11.96	+18	40.28	− 2
21	62.64	−17	5.82	− 8	50.35	+ 2	35.94	− 7	12.48	+14	40.42	− 6
22	62.85	−31	6.13	− 4	50.47	0	36.11	− 8	12.99	+ 6	40.56	− 8
23	63.03	−36	6.44	0	50.59	− 2	36.29	− 8	13.49	− 2	40.71	− 8
24	63.18	−32	6.75	+ 5	50.71	− 4	36.47	− 5	13.99	−10	40.86	− 6
25	63.31	−19	7.06	+ 8	50.83	− 4	36.66	− 1	14.48	−15	41.02	− 2
26	63.41	− 1	7.37	+10	50.95	− 4	36.85	+ 4	14.97	−16	41.18	+ 2
27	63.49	+18	7.68	+10	51.07	− 2	37.04	+ 7	15.45	−14	41.35	+ 6
28	63.53	+34	7.99	+ 8	51.18	0	37.24	+10	15.92	− 8	41.52	+ 9
29	63.54	+44	8.30	+ 4	51.29	+ 1	37.44	+10	16.38	− 1	41.70	+10
30	63.53	+46	8.61	0	51.40	+ 3	37.65	+ 9	16.84	+ 6	41.88	+10
31	63.48	+41	8.92	− 3	51.51	+ 4	37.86	+ 6	17.30	+12	42.07	+ 8
Aug. 1	63.41	+29	9.23	− 6	51.62	+ 5	38.08	+ 3	17.75	+15	42.27	+ 4
2	63.32	+13	9.54	− 8	51.72	+ 4	38.30	− 1	18.19	+16	42.47	+ 1
3	63.19	− 5	9.85	− 9	51.82	+ 3	38.52	− 4	18.62	+14	42.67	− 3
4	63.03	−24	10.16	− 8	51.92	+ 2	38.75	− 7	19.05	+10	42.87	− 6
5	62.85	−40	10.46	− 5	52.01	0	38.98	− 9	19.47	+ 4	43.08	− 9
6	62.64	−50	10.77	− 2	52.11	− 3	39.21	−10	19.88	− 3	43.29	−10
7	62.40	−52	11.07	+ 1	52.20	− 4	39.45	− 9	20.28	−10	43.51	− 9
8	62.13	−45	11.37	+ 5	52.29	− 5	39.69	− 6	20.67	−15	43.73	− 7
9	61.84	−31	11.68	+ 8	52.38	− 5	39.93	− 2	21.05	−18	43.95	− 4
10	61.52	−11	11.98	+ 9	52.46	− 5	40.18	+ 2	21.43	−18	44.18	0
sec δ, tg δ	89° 12′ 0″ 10	71.622 71.872	−71.615 −71.865		81° 45′ 30″ 40	6.976 6.978	−6.904 −6.906		87° 52′ 40″ 50	27.004 27.040	−26.986 −27.021	

Tag	Octantis 4 G. $5^m.63$				ζ Octantis $5^m.38$				ι Octantis $5^m.38$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$1^h 41^m$	in s 0.01	−85° 7′	in ″ 0.01	$9^h 7^m$	in s 0.01	−85° 22′	in ″ 0.01	$12^h 46^m$	in s 0.01	−84° 43′	in ″ 0.01
Aug. 10	s 30.31	−7	″ 55.30	−5	s 17.58	+6	″ 27.50	−6	s 61.03	+7	″ 60.18	+1
11	30.55	−6	55.37	−1	17.55	+3	27.18	−8	60.84	+6	60.03	−3
12	30.80	−4	55.44	+3	17.53	−1	26.87	−7	60.65	+4	59.87	−6
13	31.04	−1	55.52	+7	17.52	−4	26.55	−5	60.46	+1	59.70	−8
14	31.28	+2	55.60	+8	17.51	−6	26.24	−1	60.28	−3	59.53	−7
15	31.52	+5	55.69	+8	17.50	−7	25.92	+3	60.10	−6	59.36	−5
16	31.75	+7	55.79	+5	17.50	−6	25.61	+7	59.92	−7	59.19	−1
17	31.99	+7	55.89	+1	17.51	−3	25.29	+9	59.74	−7	59.01	+2
18	32.22	+6	55.99	−3	17.52	0	24.98	+8	59.57	−5	58.82	+6
19	32.45	+3	56.10	−6	17.53	+2	24.66	+5	59.39	−2	58.62	+7
20	32.68	−1	56.22	−7	17.55	+5	24.35	+1	59.22	+2	58.42	+6
21	32.91	−4	56.34	−6	17.57	+6	24.03	−3	59.05	+5	58.22	+4
22	33.14	−6	56.47	−4	17.60	+5	23.72	−7	58.89	+7	58.01	0
23	33.36	−7	56.61	0	17.64	+3	23.41	−10	58.73	+8	57.80	−4
24	33.58	−7	56.75	+3	17.68	0	23.10	−10	58.57	+7	57.59	−7
25	33.80	−5	56.89	+7	17.72	−2	22.79	−9	58.41	+5	57.37	−9
26	34.02	−2	57.04	+9	17.77	−4	22.48	−7	58.26	+2	57.15	−10
27	34.23	+1	57.19	+9	17.82	−6	22.17	−3	58.11	−1	56.93	−9
28	34.44	+3	57.35	+9	17.88	−6	21.86	+1	57.97	−4	56.70	−6
29	34.65	+5	57.52	+6	17.94	−6	21.55	+4	57.83	−5	56.46	−3
30	34.86	+6	57.69	+3	18.01	−4	21.24	+7	57.69	−6	56.22	0
31	35.07	+6	57.87	−1	18.08	−2	20.94	+9	57.55	−7	55.98	+4
Sept. 1	35.27	+5	58.05	−4	18.15	+1	20.64	+9	57.41	−5	55.73	+7
2	35.47	+3	58.24	−8	18.23	+3	20.34	+8	57.28	−3	55.48	+10
3	35.67	+1	58.43	−10	18.32	+6	20.04	+5	57.15	−1	55.23	+10
4	35.86	−2	58.62	−11	18.41	+7	19.75	+2	57.03	+2	54.98	+9
5	36.05	−5	58.82	−10	18.51	+8	19.46	−2	56.91	+5	54.72	+7
6	36.24	−6	59.02	−7	18.61	+7	19.17	−5	56.79	+6	54.46	+3
7	36.42	−6	59.23	−3	18.72	+4	18.88	−7	56.68	+6	54.20	−1
8	36.60	−5	59.45	+1	18.83	+1	18.59	−7	56.57	+5	53.93	−4
9	36.78	−3	59.67	+5	18.94	−2	18.30	−5	56.46	+2	53.66	−6
10	36.95	+1	59.89	+7	19.06	−5	18.02	−2	56.36	−1	53.38	−7
11	37.12	+4	60.12	+8	19.18	−6	17.74	+2	56.26	−5	53.11	−5
12	37.29	+6	60.35	+6	19.31	−6	17.47	+6	56.16	−7	52.83	−2
13	37.45	+7	60.59	+3	19.44	−5	17.19	+8	56.07	−7	52.55	+1
14	37.61	+6	60.83	−1	19.57	−2	16.92	+8	55.98	−6	52.27	+4
15	37.76	+4	61.07	−5	19.71	+1	16.66	+7	55.90	−3	51.98	+6
16	37.91	+1	61.31	−7	19.85	+4	16.40	+3	55.82	0	51.70	+6
sec δ, tg δ	85° 7′ 50″	11.781	−11.738		85° 22′ 20″	12.394	−12.354		84° 43′ 50″	10.889	−10.843	
	60	11.787	−11.745		30	12.402	−12.361		60	10.894	−10.848	

Tag	Octantis 20 G. $6^m.52$				Octantis 26 G. $6^m.13$				χ Octantis $5^m.22$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$14^h 50^m$	in ^{s} 0.01	−87° 51′	in ″ 0.01	$16^h 33^m$	in ^{s} 0.01	−86° 14′	in ″ 0.01	$18^h 12^m$	in ^{s} 0.01	−87° 39′	in ″ 0.01
Aug. 10	^{s}41.62	+13	″43.91	+ 5	^{s}33.16	+ 5	″34.06	+ 8	^{s}43.57	+ 2	″58.52	+ 9
11	41.07	+14	43.92	+ 1	32.89	+ 7	34.20	+ 4	43.27	+ 8	58.77	+ 6
12	40.52	+12	43.93	− 3	32.61	+ 8	34.33	− 1	42.96	+12	59.01	+ 2
13	39.98	+ 7	43.93	− 7	32.34	+ 7	34.46	− 5	42.65	+13	59.25	− 3
14	39.43	− 1	43.93	− 9	32.06	+ 4	34.59	− 8	42.33	+10	59.48	− 7
15	38.88	− 8	43.92	− 8	31.78	− 1	34.71	−10	42.01	+ 5	59.71	− 9
16	38.34	−14	43.90	− 6	31.50	− 5	34.82	− 9	41.68	− 2	59.93	−10
17	37.80	−16	43.87	− 2	31.22	− 8	34.93	− 5	41.34	− 8	60.15	− 8
18	37.26	−14	43.84	+ 2	30.93	− 9	35.04	− 1	40.99	−12	60.37	− 4
19	36.71	− 9	43.80	+ 5	30.64	− 7	35.14	+ 3	40.63	−12	60.59	+ 1
20	36.16	0	43.76	+ 7	30.35	− 3	35.24	+ 7	40.27	− 9	60.80	+ 5
21	35.62	+ 8	43.71	+ 7	30.05	+ 1	35.33	+ 8	39.90	− 3	61.01	+ 8
22	35.08	+15	43.66	+ 5	29.76	+ 6	35.41	+ 8	39.52	+ 4	61.21	+10
23	34.55	+19	43.60	+ 1	29.46	+10	35.49	+ 6	39.14	+11	61.40	+ 9
24	34.01	+19	43.54	− 2	29.16	+12	35.56	+ 2	38.76	+16	61.60	+ 6
25	33.48	+17	43.47	− 6	28.86	+12	35.63	− 2	38.37	+18	61.78	+ 2
26	32.95	+11	43.40	− 8	28.56	+10	35.69	− 5	37.97	+17	61.96	− 2
27	32.42	+ 4	43.32	− 9	28.26	+ 6	35.74	− 8	37.56	+14	62.14	− 5
28	31.90	− 3	43.23	− 9	27.96	+ 2	35.79	− 9	37.15	+ 8	62.31	− 7
29	31.37	−10	43.13	− 7	27.65	− 2	35.83	− 8	36.73	+ 2	62.48	− 9
30	30.85	−14	43.03	− 4	27.34	− 6	35.87	− 7	36.30	− 5	62.64	− 8
31	30.33	−17	42.93	0	27.03	− 9	35.90	− 4	35.87	−11	62.80	− 7
Sept. 1	29.81	−17	42.82	+ 4	26.72	−11	35.93	0	35.44	−15	62.95	− 4
2	29.30	−14	42.70	+ 7	26.42	−11	35.95	+ 4	35.00	−18	63.10	0
3	28.80	− 8	42.58	+10	26.11	− 9	35.96	+ 7	34.56	−18	63.25	+ 4
4	28.30	− 2	42.46	+11	25.80	− 6	35.97	+10	34.11	−15	63.39	+ 7
5	27.80	+ 5	42.33	+10	25.49	− 2	35.97	+10	33.66	− 9	63.52	+ 9
6	27.31	+10	42.19	+ 8	25.19	+ 2	35.97	+ 9	33.21	− 2	63.65	+ 9
7	26.82	+14	42.05	+ 3	24.88	+ 6	35.96	+ 6	32.75	+ 5	63.77	+ 7
8	26.33	+13	41.90	− 1	24.57	+ 8	35.94	+ 2	32.28	+10	63.89	+ 4
9	25.85	+ 8	41.75	− 5	24.26	+ 7	35.92	− 3	31.81	+12	64.00	− 1
10	25.38	+ 1	41.59	− 8	23.95	+ 4	35.89	− 7	31.33	+11	64.10	− 5
11	24.91	− 6	41.43	− 8	23.64	0	35.86	− 9	30.86	+ 6	64.20	− 9
12	24.45	−13	41.26	− 7	23.33	− 4	35.82	− 9	30.38	0	64.30	−10
13	23.99	−17	41.09	− 4	23.02	− 7	35.78	− 7	29.90	− 6	64.39	− 9
14	23.54	−16	40.91	+ 1	22.72	− 9	35.73	− 3	29.42	−11	64.47	− 6
15	23.10	−11	40.73	+ 4	22.41	− 8	35.67	+ 2	28.93	−12	64.55	− 1
16	22.67	− 3	40.54	+ 6	22.11	− 5	35.61	+ 5	28.45	−10	64.62	+ 4
sec δ, tg δ	87° 51′40″	26.794	−26.775		86° 14′30″	15.256	−15.223		87° 39′60″	24.562	−24.542	
	50	26.829	−26.810		40	15.267	−15.234		70	24.591	−24.571	

Tag	σ Octantis $5^m.48$				β Octantis $4^m.34$				τ Octantis $5^m.56$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$19^h 44^m$	in ^{s} 0.01	−89° 12′	in ″ 0.01	$22^h 38^m$	in ^{s} 0.01	−81° 45′	in ″ 0.01	$23^h 18^m$	in ^{s} 0.01	−87° 52′	in ″ 0.01
Aug. 10	61.52	−11	11.98	+ 9	52.46	− 5	40.18	+ 2	21.43	−18	44.18	0
11	61.17	+10	12.28	+ 7	52.54	− 3	40.44	+ 5	21.80	−14	44.41	+ 4
12	60.79	+29	12.58	+ 4	52.62	− 1	40.70	+ 7	22.16	− 7	44.65	+ 6
13	60.39	+39	12.87	0	52.69	+ 2	40.96	+ 7	22.52	+ 2	44.89	+ 7
14	59.96	+39	13.17	− 4	52.77	+ 4	41.22	+ 5	22.86	+10	45.13	+ 6
15	59.50	+29	13.46	− 8	52.84	+ 5	41.48	+ 2	23.20	+16	45.38	+ 3
16	59.02	+12	13.75	−10	52.91	+ 5	41.74	− 2	23.53	+18	45.63	0
17	58.51	− 8	14.04	− 9	52.98	+ 3	42.01	− 5	23.85	+16	45.88	− 4
18	57.97	−24	14.33	− 6	53.04	+ 1	42.28	− 7	24.15	+ 9	46.14	− 7
19	57.40	−33	14.62	− 2	53.10	− 1	42.55	− 8	24.45	+ 1	46.40	− 7
20	56.81	−33	14.90	+ 3	53.16	− 3	42.83	− 6	24.75	− 7	46.67	− 6
21	56.19	−23	15.18	+ 7	53.22	− 4	43.11	− 2	25.03	−13	46.94	− 3
22	55.55	− 6	15.46	+10	53.27	− 4	43.39	+ 2	25.30	−16	47.21	+ 1
23	54.88	+12	15.74	+10	53.32	− 3	43.68	+ 6	25.56	−15	47.48	+ 5
24	54.18	+30	16.01	+ 9	53.36	− 1	43.96	+ 9	25.82	−11	47.76	+ 8
25	53.46	+42	16.28	+ 6	53.41	+ 1	44.25	+11	26.06	− 4	48.03	+10
26	52.72	+47	16.54	+ 2	53.45	+ 3	44.53	+10	26.30	+ 3	48.31	+10
27	51.95	+44	16.80	− 2	53.49	+ 4	44.82	+ 8	26.52	+10	48.59	+ 9
28	51.16	+35	17.06	− 5	53.53	+ 5	45.11	+ 4	26.74	+14	48.87	+ 6
29	50.34	+20	17.32	− 8	53.56	+ 5	45.40	+ 1	26.94	+16	49.16	+ 2
30	49.49	+ 2	17.58	− 9	53.59	+ 4	45.70	− 3	27.14	+16	49.45	− 2
31	48.63	−17	17.83	− 8	53.62	+ 2	45.99	− 6	27.32	+12	49.75	− 5
Sept. 1	47.74	−34	18.08	− 7	53.64 53.66	0 − 2	46.29 46.59	− 9 −10	27.49	+ 7	50.04	− 8
2	46.83	−46	18.32	− 4	53.68	− 4	46.89	− 9	27.66	0	50.34	−10
3	45.90	−52	18.56	0	53.70	− 5	47.18	− 7	27.81	− 7	50.64	−10
4	44.94	−50	18.79	+ 4	53.71	− 6	47.48	− 4	27.95	−13	50.93	− 8
5	43.96	−39	19.02	+ 6	53.72	− 5	47.78	0	28.08	−18	51.23	− 6
6	42.96	−21	19.25	+ 8	53.73	− 4	48.08	+ 3	28.20	−19	51.54	− 2
7	41.94	0	19.47	+ 8	53.74	− 2	48.38	+ 6	28.31	−16	51.84	+ 2
8	40.90	+19	19.69	+ 5	53.74	+ 1	48.68	+ 7	28.41	−10	52.14	+ 5
9	39.84	+33	19.91	+ 2	53.74	+ 3	48.99	+ 6	28.50	− 2	52.45	+ 7
10	38.75	+38	20.12	− 3	53.74	+ 4	49.29	+ 3	28.58	+ 7	52.76	+ 6
11	37.64	+32	20.33	− 7	53.73	+ 5	49.59	− 1	28.65 28.70	+14 +18	53.07 53.38	+ 4 + 1
12	36.52	+18	20.53	− 9	53.72	+ 4	49.89	− 4	28.75	+17	53.68	− 3
13	35.37	0	20.73	−10	53.71	+ 2	50.19	− 7	28.78	+13	53.99	− 6
14	34.21	−18	20.92	− 7	53.70	0	50.49	− 8	28.81	+ 5	54.30	− 7
15	33.03	−30	21.11	− 3	53.68	− 2	50.79	− 6	28.82	− 4	54.61	− 7
16	31.83	−33	21.29	+ 1	53.66	− 4	51.08	− 3	28.83	−11	54.91	− 4
sec δ, tg δ	89° 12′ 10″ 20	71.872 72.123	−71.865 −72.116		81° 45′ 40″ 50	6.978 6.981	−6.906 −6.909		87° 52′ 40″ 50	27.004 27.040	−26.986 −27.021	

Tag	Octantis 4 G. 5ᵐ.63				ζ Octantis 5ᵐ.38				ι Octantis 5ᵐ.38			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	1ʰ41ᵐ	in ˢ 0.01	−85°8′	in ″ 0.01	9ʰ7ᵐ	in ˢ 0.01	−85°22′	in ″ 0.01	12ʰ46ᵐ	in ˢ 0.01	−84°43′	in ″ 0.01
Sept. 16	37.91	+1	1.31	−7	19.85	+4	16.40	+3	55.82	0	51.70	+6
17	38.05	−3	1.56	−7	20.00	+5	16.14	−2	55.75	+4	51.41	+5
18	38.19	−6	1.82	−5	20.15	+5	15.88	−6	55.68	+7	51.12	+1
19	38.33	−7	2.08	−1	20.31	+4	15.63	−9	55.61	+8	50.82	−3
20	38.47	−7	2.34	+2	20.47	+2	15.38	−11	55.55	+8	50.52	−6
21	38.60	−6	2.61	+6	20.64	−1	15.14	−11	55.49	+6	50.23	−9
22	38.73	−3	2.88	+9	20.81	−4	14.90	−8	55.44	+3	49.93	−10
23	38.85	0	3.15	+10	20.98	−6	14.66	−5	55.39	0	49.63	−10
24	38.97	+2	3.42	+9	21.15	−7	14.43	−1	55.34	−3	49.33	−8
25	39.08	+5	3.70	+8	21.33	−6	14.20	+3	55.30	−5	49.03	−5
26	39.19	+6	3.98	+5	21.51	−5	13.98	+6	55.26	−6	48.73	−1
27	39.29	+6	4.26	+1	21.70	−3	13.76	+8	55.23	−6	48.42	+3
28	39.39	+6	4.55	−3	21.89	−1	13.54	+9	55.20	−6	48.11	+6
29	39.49	+4	4.84	−6	22.09	+2	13.33	+8	55.18	−4	47.81	+9
30	39.58	+2	5.13	−9	22.29	+5	13.13	+6	55.16	−1	47.50	+10
Okt. 1	39.67	−1	5.43	−10	22.49	+7	12.93	+3	55.15	+1	47.19	+10
2	39.75	−4	5.73	−10	22.69	+8	12.73	0	55.14	+4	46.89	+8
3	39.83	−6	6.02	−8	22.90	+7	12.54	−4	55.13	+6	46.58	+5
4	39.90	−7	6.32	−5	23.11	+5	12.36	−6	55.13	+6	46.27	+1
5	39.97	−6	6.62	−1	23.32	+3	12.18	−7	55.13	+5	45.97	−2
6	40.04	−4	6.92	+3	23.53	−1	12.00	−6	55.14	+3	45.66	−5
7	40.10	−1	7.22	+6	23.75	−4	11.83	−3	55.15	0	45.36	−6
8	40.16	+3	7.53	+7	23.98	−6	11.66	+1	55.17	−4	45.05	−5
9	40.21	+6	7.84	+6	24.21	−6	11.50	+5	55.19	−6	44.74	−3
10	40.26	+7	8.15	+3	24.44	−5	11.35	+8	55.22	−8	44.43	0
11	40.30	+7	8.46	0	24.67	−3	11.20	+9	55.25	−7	44.13	+4
12	40.33	+5	8.77	−4	24.90	0	11.06	+8	55.28	−5	43.83	+6
13	40.36	+2	9.08	−6	25.13	+2	10.93	+5	55.32	−1	43.53	+7
14	40.39	−1	9.39	−7	25.37	+5	10.80	+1	55.36	+2	43.23	+6
15	40.41	−5	9.70	−6	25.61	+5	10.67	−4	55.41	+6	42.93	+3
16	40.43	−7	10.01	−3	25.85	+4	10.55	−8	55.46	+8	42.63	−1
17	{40.44 {40.45	−7 −7	10.32 10.64	+1} +5}	26.09	+2	10.44	−11	55.52	+8	42.34	−5
18	40.45	−5	10.96	+8	26.34	0	10.33	−11	55.58	+7	42.04	−9
19	40.45	−2	11.27	+10	26.59	−3	10.23	−10	55.65	+5	41.74	−10
20	40.44	+1	11.59	+10	26.84	−5	10.13	−7	55.72	+2	41.45	−11
21	40.43	+4	11.90	+9	27.09	−7	10.04	−3	55.79	−1	41.16	−9
22	40.41	+5	12.22	+6	27.35	−7	9.96	+1	55.87	−4	40.88	−7
23	40.39	+6	12.53	+3	27.60	−6	9.88	+4	55.95	−6	40.59	−3
sec δ, tg δ	85° 8′ 0″ 10	11.787 11.794	−11.745 −11.752		85°22′10″ 20	12.387 12.394	−12.346 −12.354		84°43′40″ 50	10.883 10.889	−10.837 −10.843	

Tag	Octantis 20 G. 6ᵐ.52				Octantis 26 G. 6ᵐ.13				χ Octantis 5ᵐ.22			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$14^h 50^m$	in 0.01 s	−87° 51′	in 0.01″	$16^h 33^m$	in 0.01 s	−86° 14′	in 0.01″	$18^h 12^m$	in 0.01 s	−87° 40′	in 0.01″
Sept. 16	22.67	− 3	40.54	+ 6	22.11	− 5	35.61	+ 5	28.45	−10	4.62	+ 4
17	22.24	+ 5	40.35	+ 7	21.81	0	35.54	+ 8	27.96	− 5	4.68	+ 7
18	21.81	+14	40.15	+ 6	21.50	+ 5	35.46	+ 8	27.46	+ 2	4.74	+ 9
19	21.39	+19	39.94	+ 3	21.20	+ 9	35.38	+ 7	26.96	+ 9	4.79	+10
20	20.98	+21	39.73	− 1	20.90	+12	35.29	+ 3	26.46	+15	4.84	+ 7
21	20.58	+19	39.52	− 5	20.61	+13	35.20	0	25.96	+18	4.88	+ 4
22	20.18	+14	39.31	− 8	20.31	+11	35.11	− 4	25.46	+19	4.91	0
23	19.79	+ 7	39.10	− 9	20.02	+ 8	35.01	− 7	24.96	+16	4.94	− 4
24	19.41	0	38.88	− 9	19.73	+ 4	34.90	− 9	24.46	+11	4.96	− 7
25	19.04	− 7	38.65	− 8	19.44	0	34.79	− 9	23.96	+ 5	4.98	− 8
26	18.68	−13	38.42	− 5	19.16	− 4	34.67	− 8	23.46	− 2	4.99	− 9
27	18.33	−16	38.19	− 2	18.88	− 8	34.55	− 5	22.96	− 8	5.00	− 7
28	17.98	−17	37.95	+ 2	18.60	−10	34.42	− 2	22.45	−13	5.00	− 5
29	17.63	−15	37.70	+ 6	18.32	−11	34.28	+ 2	21.94	−17	4.99	− 2
30	17.30	−10	37.45	+ 9	18.04	−10	34.14	+ 6	21.44	−18	4.98	+ 2
Okt. 1	16.98	− 4	37.20	+10	17.77	− 7	34.00	+ 9	20.93	−16	4.96	+ 6
2	16.67	+ 3	36.95	+10	17.50	− 3	33.85	+10	20.43	−11	4.94	+ 8
3	16.36	+ 9	36.69	+ 9	17.24	+ 1	33.69	+10	19.93	− 5	4.91	+ 9
4	16.07	+12	36.43	+ 5	16.98	+ 4	33.53	+ 7	19.43	+ 2	4.87	+ 8
5	15.79	+13	36.17	+ 1	16.72	+ 7	33.37	+ 4	18.94	+ 7	4.83	+ 6
6	15.52	+10	35.91	− 3	16.46	+ 7	33.20	− 1	18.44	+11	4.78	+ 1
7	15.26	+ 4	35.64	− 6	16.21	+ 5	33.02	− 5	17.95	+10	4.73	− 3
8	15.00	− 4	35.36	− 8	15.96	+ 1	32.84	− 8	17.45	+ 7	4.67	− 8
9	14.75	−11	35.09	− 7	15.71	− 3	32.65	− 9	16.95	+ 1	4.60	−10
10	14.52	−17	34.81	− 4	15.47	− 7	32.46	− 8	16.46	− 5	4.53	−10
11	14.29	−18	34.53	− 1	15.23	− 9	32.26	− 4	15.97	−11	4.45	− 7
12	14.08	−14	34.25	+ 3	15.00	− 9	32.06	0	15.49	−13	4.37	− 3
13	13.87	− 8	33.97	+ 6	14.77	− 7	31.86	+ 4	15.01	−12	4.28	+ 1
14	13.68	+ 1	33.68	+ 7	14.55	− 2	31.65	+ 7	14.54	− 8	4.18	+ 6
15	13.49	+10	33.39	+ 6	14.33	+ 3	31.44	+ 8	14.07	− 1	4.08	+ 9
16	13.32	+17	33.10	+ 3	14.11	+ 8	31.22	+ 7	13.60	+ 7	3.97	+10
17	13.15	+21	32.80	0	13.90	+12	31.00	+ 5	13.14	+14	3.86	+ 8
18	13.00	+21	32.50	− 4	13.69	+13	30.77	+ 1	12.67	+18	3.74	+ 5
19	12.85	+17	32.20	− 7	13.48	+13	30.53	− 3	12.21	+20	3.61	+ 2
20	12.72	+11	31.90	− 9	13.28	+10	30.30	− 6	11.76	+19	3.48	− 2
21	12.60	+ 3	31.60	−10	13.09	+ 6	30.06	− 8	11.31	+14	3.35	− 6
22	12.49	− 4	31.29	− 9	12.91	+ 2	29.81	− 9	10.86	+ 8	3.21	− 8
23	12.39	−10	30.99	− 7	12.73	− 3	29.57	− 8	10.42	+ 1	3.06	− 9
sec δ, tg δ	87° 51′ 30″	26.759	−26.740		86° 14′ 30″	15.256	−15.223		87° 40′ 0″	24.562	−24.542	
	40	26.794	−26.775		40	15.267	−15.234		10	24.591	−24.571	

Tag	σ Octantis $5^m.48$				β Octantis $4^m.34$				τ Octantis $5^m.56$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$19^h 43^m$	in $0^s.01$	−89° 12′	in $0''.01$	$22^h 38^m$	in $0^s.01$	−81° 45′	in $0''.01$	$23^h 18^m$	in $0^s.01$	−87° 52′	in $0''.01$
Sept. 16	$91^s.83$	−33	$21''.29$	+ 1	$53^s.66$	− 4	$51''.08$	− 3	$28^s.83$	−11	$54''.91$	− 4
17	90.62	−26	21.47	+ 6	53.64	− 4	51.38	+ 1	28.82	−15	55.22	0
18	89.38	−12	21.65	+ 9	53.61	− 3	51.68	+ 5	28.80	−16	55.53	+ 4
19	88.13	+ 7	21.82	+11	53.58	− 2	51.98	+ 9	28.77	−13	55.84	+ 8
20	86.87	+26	21.98	+10	53.55	0	52.28	+11	28.73	− 7	56.15	+10
21	85.59	+40	22.14	+ 8	53.52	+ 2	52.57	+11	28.67	0	56.46	+11
22	84.30	+48	22.29	+ 4	53.48	+ 4	52.86	+ 9	28.61	+ 7	56.77	+10
23	82.99	+49	22.44	0	53.44	+ 5	53.15	+ 6	28.53	+13	57.08	+ 7
24	81.66	+41	22.58	− 4	53.40	+ 5	53.44	+ 2	28.45	+16	57.38	+ 4
25	80.33	+27	22.72	− 7	53.36	+ 4	53.73	− 1	28.35	+16	57.69	0
26	78.98	+10	22.85	− 8	53.31	+ 3	54.02	− 5	28.25	+14	57.99	− 4
27	77.62	− 9	22.97	− 8	53.26	+ 1	54.30	− 8	28.13	+ 9	58.29	− 7
28	76.24	−26	23.09	− 7	53.20	− 1	54.58	− 9	28.00	+ 3	58.60	− 9
29	74.85	−41	23.21	− 5	53.15	− 3	54.86	− 9	27.86	− 4	58.90	−10
30	73.46	−50	23.32	− 1	53.09	− 5	55.14	− 8	27.71	−11	59.20	− 9
Okt. 1	72.05	−51	23.42	+ 2	53.03	− 6	55.42	− 5	27.55	−16	59.50	− 7
2	70.64	−44	23.52	+ 6	52.96	− 6	55.69	− 2	27.37	−19	59.79	− 4
3	69.21	−30	23.61	+ 8	52.90	− 5	55.96	+ 2	27.19	−18	60.09	0
4	67.78	−10	23.70	+ 8	52.83	− 3	56.23	+ 5	27.00	−13	60.38	+ 3
5	66.34	+10	23.78	+ 7	52.76	0	56.50	+ 6	26.80	− 6	60.66	+ 6
6	64.89	+26	23.85	+ 3	52.69	+ 2	56.76	+ 6	26.59	+ 3	60.95	+ 6
7	63.44	+34	23.92	− 1	52.62	+ 4	57.02	+ 4	26.37	+11	61.23	+ 5
8	61.98	+32	23.98	− 6	52.54	+ 5	57.28	0	26.13	+17	61.51	+ 1
9	60.51	+21	24.04	− 9	52.46	+ 4	57.54	− 4	25.89	+18	61.79	− 2
10	59.04	+ 4	24.09	−10	52.38	+ 3	57.79	− 7	25.63	+15	62.07	− 6
11	57.56	−14	24.13	− 9	52.29	+ 1	58.04	− 9	25.37	+ 8	62.35	− 8
12	56.08	−28	24.16	− 6	52.21	− 1	58.28	− 8	25.09	0	62.62	− 8
13	54.59	−34	24.19	− 1	52.12	− 3	58.52	− 6	24.81	− 8	62.89	− 6
14	53.10	−31	24.22	+ 4	52.03	− 4	58.75	− 1	24.52	−14	63.15	− 2
15	51.62	−18	24.24	+ 8	51.94	− 4	58.98	+ 4	24.22	−16	63.41	+ 2
16	50.13	+ 1	24.25	+10	51.85	− 2	59.21	+ 8	23.91	−14	63.67	+ 7
17	48.64	+20	24.26	+11	51.75	− 1	59.43	+11	23.59	− 9	63.92	+ 9
18	47.15	+38	24.26	+ 9	51.65	+ 2	59.65	+12	23.26	− 2	64.18	+11
19	45.66	+49	24.25	+ 6	51.55	+ 3	59.87	+11	22.91	+ 5	64.43	+11
20	44.17	+52	24.23	+ 2	51.45	+ 5	60.08	+ 8	22.56	+11	64.68	+ 9
21	42.68	+47	24.21	− 2	51.34	+ 5	60.29	+ 4	22.21	+15	64.92	+ 6
22	41.20	+35	24.19	− 5	51.24	+ 5	60.49	0	21.84	+17	65.15	+ 2
23	39.72	+19	24.16	− 8	51.13	+ 4	60.68	− 3	21.47	+15	65.39	− 2

sec δ, tg δ	σ Octantis			β Octantis			τ Octantis		
	89° 12′ 20″	72.123	−72.116	81° 45′ 50″	6.981	−6.909	87° 52′ 50″	27.040	−27.021
	30	72.376	−72.369	60	6.983	−6.911	60	27.075	−27.057

Tag	Octantis 4 G. $5^m.63$				ζ Octantis $5^m.38$				ι Octantis $5^m.38$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$1^h 41^m$	in 0.01 s	−85° 8′	in 0.01″	$9^h 7^m$	in 0.01 s	−85° 22′	in 0.01″	$12^h 46^m$	in 0.01 s	−84° 43′	in 0.01″
Okt. 23	40.39 s	+ 6	12.53″	+ 3	27.60 s	− 6	9.88″	+ 4	55.95 s	− 6	40.59″	− 3
24	40.36	+ 6	12.84	− 1	27.86	− 4	9.81	+ 7	56.04	− 7	40.31	+ 1
25	40.33	+ 5	13.15	− 5	28.11	− 2	9.75	+ 8	56.13	− 6	40.03	+ 4
26	40.29	+ 2	13.46	− 8	28.37	+ 1	9.69	+ 8	56.23	− 5	39.75	+ 7
27	40.25	0	13.77	−10	28.63	+ 4	9.64	+ 7	56.33	− 2	39.48	+ 9
28	40.20	− 3	14.08	−10	28.89	+ 6	9.59	+ 4	56.44	0	39.20	+10
29	40.15	− 5	14.39	− 9	29.15	+ 7	9.55	+ 1	56.55	+ 3	38.93	+ 8
30	40.09	− 7	14.70	− 6	29.42	+ 7	9.52	− 3	56.67	+ 5	38.66	+ 6
31	40.03	− 6	15.00	− 2	29.68	+ 6	9.50	− 6	56.79	+ 6	38.40	+ 2
Nov. 1	39.96	− 5	15.31	+ 1	29.94	+ 4	9.48	− 7	56.91	+ 6	38.14	− 1
2	39.89	− 2	15.61	+ 5	30.20	+ 1	9.47	− 6	57.04	+ 4	37.88	− 4
3	39.82	+ 2	15.91	+ 7	30.47	− 3	9.46	− 4	57.17	+ 1	37.63	− 6
4	39.74	+ 5	16.20	+ 6	30.73	− 5	9.46	0	57.30	− 2	37.38	− 6
5	39.66	+ 7	16.50	+ 4	31.00	− 6	9.47	+ 4	57.44	− 6	37.14	− 4
6	39.57	+ 8	16.80	+ 1	31.26	− 6	9.48	+ 8	57.58	− 8	36.90	0
7	39.48	+ 6	17.09	− 3	31.53	− 4	9.50	+10	57.73	− 8	36.66	+ 3
8	39.38	+ 4	17.38	− 6	31.80	− 1	9.53	+10	57.88	− 6	36.42	+ 6
9	39.28	0	17.67	− 8	32.07	+ 2	9.56	+ 7	58.03	− 3	36.19	+ 8
10	39.17	− 3	17.95	− 7	32.33	+ 5	9.60	+ 3	58.19	+ 1	35.97	+ 7
11	39.06	− 6	18.23	− 5	32.60	+ 6	9.65	− 2	58.36	+ 4	35.75	+ 5
12	38.94	− 7	18.51	− 1	32.86	+ 5	9.70	− 6	58.52	+ 7	35.53	+ 1
13	38.82	− 7	18.78	+ 3	33.13	+ 4	9.76	−10	58.69	+ 8	35.32	− 3
14	38.70	− 6	19.05	+ 8	33.39	+ 1	9.83	−11	58.86	+ 8	35.12	− 7
15	38.57	− 3	19.32	+10	33.65	− 2	9.90	−11	59.04	+ 6	34.92	−10
16	38.43	0	19.59	+11	33.91	− 5	9.98	− 8	59.22	+ 3	34.72	−11
17	38.29	+ 3	19.85	+10	34.17	− 6	10.07	− 5	59.40	0	34.52	−10
18	38.15	+ 5	20.11	+ 8	34.43	− 7	10.16	− 1	59.59	− 3	34.33	− 8
19	38.01	+ 6	20.36	+ 5	34.69	− 6	10.26	+ 3	59.78	− 5	34.15	− 5
20	37.86	+ 6	20.61	+ 1	34.95	− 5	10.37	+ 6	59.97	− 6	33.97	− 1
21	37.71	+ 5	20.86	− 3	35.21	− 3	10.48	+ 8	60.17	− 6	33.80	+ 3
22	37.55	+ 3	21.10	− 6	35.46	0	10.59	+ 8	60.36	− 5	33.64	+ 6
23	37.39	+ 1	21.34	− 9	35.71	+ 3	10.71	+ 7	60.56	− 3	33.48	+ 8
24	37.23	− 2	21.57	−10	35.96	+ 5	10.84	+ 5	60.76	0	33.32	+ 9
25	37.06	− 5	21.80	− 9	36.21	+ 7	10.98	+ 2	60.97	+ 2	33.17	+ 9
26	36.88	− 6	22.03	− 7	36.46	+ 7	11.12	− 2	61.18	+ 5	33.03	+ 7
27	36.70	− 7	22.25	− 3	36.71	+ 7	11.27	− 5	61.39	+ 6	32.89	+ 4
28	36.52	− 6	22.47	0	36.96	+ 5	11.42	− 7	61.61	+ 7	32.75	0
29	36.34	− 3	22.68	+ 4	37.20	+ 2	11.58	− 7	61.83	+ 5	32.62	− 4
sec δ, tg δ	85° 8′ 10″	11.794	−11.752		85° 22′ 0″	12.379	−12.339		84° 43′ 30″	10.877	−10.831	
	20	11.801	−11.758		10	12.387	−12.346		40	10.883	−10.837	

Tag	Octantis 20 G. $6^m.52$				Octantis 26 G. $6^m.13$				χ Octantis $5^m.22$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$14^h 50^m$	in s 0.01	−87° 51′	in ″ 0.01	$16^h 33^m$	in s 0.01	−86° 14′	in ″ 0.01	$18^h 11^m$	in s 0.01	−87° 39′	in ″ 0.01
Okt. 23	12.39	−10	30.99	− 7	12.73	− 3	29.57	− 8	70.42	+ 1	63.06	− 9
24	12.31	−14	30.69	− 3	12.55	− 6	29.32	− 6	69.99	− 5	62.91	− 8
25	12.23	−16	30.39	0	12.38	− 9	29.07	− 3	69.56	−11	62.75	− 6
26	12.17	−15	30.08	+ 4	12.22	−10	28.82	+ 1	69.14	−15	62.59	− 3
27	12.13	−12	29.78	+ 7	12.06	−10	28.56	+ 4	68.73	−17	62.42	+ 1
28	12.09	− 6	29.47	+10	11.91	− 8	28.29	+ 8	68.31	−16	62.24	+ 5
29	12.06	+ 1	29.16	+10	11.76	− 4	28.02	+10	67.90	−12	62.06	+ 8
30	12.04	+ 7	28.85	+ 9	11.62	0	27.75	+10	67.50	− 7	61.88	+ 9
31	12.04	+12	28.54	+ 6	11.48	+ 3	27.48	+ 9	67.11	0	61.69	+ 9
Nov. 1	12.04	+13	28.24	+ 3	11.35	+ 6	27.21	+ 5	66.72	+ 5	61.49	+ 7
2	12.06	+12	27.93	− 2	11.23	+ 7	26.93	+ 1	66.34	+10	61.29	+ 3
3	12.09	+ 6	27.62	− 5	11.11	+ 6	26.65	− 4	65.97	+11	61.09	− 2
4	12.13	− 1	27.31	− 7	11.00	+ 2	26.37	− 7	65.61	+ 8	60.89	− 6
5	12.18	− 9	27.01	− 7	10.89	− 2	26.09	− 9	65.25	+ 3	60.68	− 9
6	12.24	−16	26.70	− 5	10.79	− 6	25.81	− 9	64.90	− 4	60.46	−10
7	12.32	−18	26.39	− 2	10.69	−10	25.52	− 6	64.55	−10	60.23	− 9
8	12.41	−18	26.08	+ 2	10.60	−11	25.23	− 2	64.21	−14	60.00	− 5
9	12.51	−12	25.78	+ 5	10.52	− 9	24.94	+ 3	63.88	−15	59.77	− 1
10	12.62	− 3	25.48	+ 7	10.45	− 5	24.64	+ 6	63.56	−11	59.54	+ 4
11	12.74	+ 6	25.18	+ 7	10.38	0	24.34	+ 8	63.25	− 5	59.30	+ 8
12	12.87	+14	24.88	+ 5	10.32	+ 5	24.05	+ 8	62.94	+ 3	59.06	+10
13	13.01	+20	24.58	+ 2	10.26	+10	23.75	+ 6	62.65	+10	58.81	+ 9
14	13.17	+21	24.29	− 2	10.21	+13	23.45	+ 2	62.36	+17	58.56	+ 7
15	13.33	+19	23.99	− 6	10.17	+13	23.15	− 2	62.09	+20	58.31	+ 3
16	13.50	+14	23.70	− 9	10.14	+12	22.85	− 5	61.82	+20	58.05	− 1
17	13.69	+ 7	23.40	−10	10.11	+ 8	22.54	− 8	61.56	+17	57.79	− 5
18	13.89	− 1	23.11	−10	10.09	+ 4	22.24	− 9	61.30	+11	57.52	− 7
19	14.10	− 7	22.82	− 7	10.07	0	21.93	− 9	61.06	+ 5	57.25	− 8
20	14.32	−13	22.53	− 5	10.06	− 5	21.62	− 7	60.83	− 2	56.97	− 8
21	14.56	−15	22.25	− 1	10.06	− 8	21.32	− 5	60.61	− 8	56.70	− 7
22	14.80	−15	21.98	+ 2	10.07	−10	21.01	− 1	60.39	−13	56.42	− 4
23	15.05	−13	21.70	+ 6	10.08	−10	20.70	+ 3	60.19	−16	56.14	− 1
24	15.31	− 8	21.42	+ 9	10.10	− 8	20.40	+ 6	60.00	−16	55.86	+ 3
25	15.59	− 1	21.15	+10	10.12	− 5	20.09	+ 9	59.82	−13	55.57	+ 7
26	15.88	+ 5	20.87	+10	10.15	− 1	19.79	+10	59.64	− 8	55.28	+ 9
27	16.18	+11	20.60	+ 9	10.19	+ 2	19.48	+ 9	59.47	− 2	54.98	+ 9
28	16.49	+14	20.34	+ 4	10.23	+ 6	19.17	+ 7	59.32	+ 4	54.68	+ 8
29	16.81	+14	20.08	0	10.28	+ 8	18.87	+ 2	59.17	+ 9	54.38	+ 5

sec δ, tg δ								
	87° 51′ 20″	26.724	−26.706	86° 14′ 20″	15.245	−15.212	87° 39′ 50″	24.533	−24.513
	30	26.759	−26.740	30	15.256	−15.223	60	24.562	−24.542

Tag	σ Octantis $5^m.48$				β Octantis $4^m.34$				τ Octantis $5^m.56$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$19^h 42^m$	in ^{s} 0.01	−89° 12′	in ″ 0.01	$22^h 38^m$	in ^{s} 0.01	−81° 46′	in ″ 0.01	$23^h 18^m$	in ^{s} 0.01	−87° 53′	in ″ 0.01
Okt. 23	99.72	+19	24.16	− 8	51.13	+ 4	0.68	− 3	21.47	+15	5.39	− 2
24	98.24	+ 1	24.12	− 9	51.02	+ 2	0.87	− 6	21.09	+12	5.61	− 5
25	96.77	−18	24.08	− 8	50.91	0	1.06	− 8	20.71	+ 5	5.83	− 8
26	95.30	−34	24.03	− 6	50.80	− 2	1.24	− 9	20.31	− 1	6.05	− 9
27	93.83	−45	23.97	− 3	50.68	− 4	1.42	− 8	19.91	− 8	6.26	− 9
28	92.36	−50	23.90	+ 1	50.56	− 5	1.60	− 6	19.49	−15	6.47	− 7
29	90.91	−46	23.83	+ 5	50.44	− 6	1.77	− 2	19.07	−18	6.67	− 4
30	89.46	−35	23.75	+ 7	50.32	− 5	1.93	+ 1	18.64	−19	6.87	− 1
31	88.03	−17	23.67	+ 8	50.20	− 4	2.09	+ 4	18.20	−15	7.06	+ 2
Nov. 1	86.60	+ 2	23.58	+ 8	50.08	− 1	2.24	+ 6	17.75	− 9	7.25	+ 5
2	85.18	+20	23.49	+ 5	49.96	+ 1	2.38	+ 6	17.30	− 1	7.44	+ 6
3	83.76	+31	23.39	+ 1	49.84	+ 3	2.52	+ 4	16.85	+ 8	7.62	+ 5
4	82.36	+32	23.28	− 4	49.71	+ 4	2.66	+ 1	16.39	+14	7.79	+ 2
5	80.98	+24	23.17	− 8	49.59	+ 4	2.79	− 3	15.92	+18	7.96	− 1
6	79.60	+ 8	23.05	−10	49.46	+ 3	2.91	− 7	15.44	+16	8.12	− 5
7	78.23	−10	22.92	−10	49.33	+ 1	3.03	− 9	14.96	+11	8.28	− 8
8	76.88	−27	22.79	− 8	49.20	− 1	3.14	−10	14.47	+ 3	8.44	− 9
9	75.54	−37	22.65	− 3	49.07	− 3	3.25	− 7	13.98	− 5	8.59	− 8
10	74.21	−37	22.51	+ 2	48.94	− 4	3.35	− 3	13.48	−12	8.73	− 5
11	72.90	−27	22.36	+ 6	48.80	− 4	3.45	+ 1	12.98	−16	8.86	0
12	71.60	− 9	22.21	+10	48.67	− 3	3.54	+ 6	12.47	−16	8.99	+ 5
13	70.31	+12	22.05	+11	48.54	− 1	3.62	+10	11.96	−12	9.12	+ 9
14	69.04	+31	21.88	+10	48.41	+ 1	3.70	+11	11.44	− 5	9.24	+11
15	67.79	+46	21.71	+ 7	48.28	+ 3	3.77	+11	10.92	+ 2	9.35	+12
16	66.56	+53	21.54	+ 3	48.14	+ 4	3.84	+ 9	10.39	+ 9	9.46	+10
17	65.34	+51	21.36	− 1	48.01	+ 5	3.90	+ 6	9.86	+14	9.56	+ 7
18	64.14	+42	21.17	− 4	47.87	+ 5	3.95	+ 2	9.32	+17	9.66	+ 4
19	62.96	+27	20.98	− 7	47.74	+ 4	3.99	− 1	8.78	+16	9.75	0
20	61.80	+ 9	20.78	− 8	47.60	+ 3	4.03	− 5	8.24	+14	9.83	− 4
21	60.66	− 9	20.58	− 8	47.46	+ 1	4.07	− 7	7.69	+ 8	9.90	− 7
22	59.53	−27	20.37	− 6	47.33	− 1	4.10	− 9	7.15	+ 1	9.97	− 8
23	58.43	−40	20.16	− 4	47.19	− 3	4.12	− 8	6.60	− 6	10.03	− 9
24	57.35	−47	19.94	0	47.05	− 5	4.14	− 6	6.05	−12	10.09	− 8
25	56.29	−46	19.72	+ 3	46.92	− 5	4.15	− 4	5.50	−17	10.14	− 5
26	55.25	−38	19.49	+ 7	46.78	− 5	4.15	0	4.94	−19	10.18	− 2
27	54.23	−22	19.25	+ 8	46.64	− 4	4.14	+ 3	4.37	−17	10.22	+ 2
28	53.23	− 3	19.01	+ 8	46.51	− 2	4.13	+ 6	3.81	−12	10.25	+ 5
29	52.26	+16	18.77	+ 6	46.37	0	4.11	+ 7	3.24	− 4	10.27	+ 6
sec δ, tg δ	89° 12′ 20″	72.123	−72.116		81° 46′ 0″	6.983	−6.911		87° 53′ 0″	27.075	−27.057	
	30	72.376	−72.369		10	6.985	−6.913		10	27.111	−27.092	

Tag	Octantis 4 G. $5^m.63$				ζ Octantis $5^m.38$				ι Octantis $5^m.38$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$1^h 41^m$	in $0^s.01$	−85° 8′	in 0″.01	$9^h 7^m$	in $0^s.01$	−85° 22′	in 0″.01	$12^h 47^m$	in $0^s.01$	−84° 43′	in 0″.01
Nov. 29	$36^s.34$	−3	22″.68	+4	$37^s.20$	+2	11″.58	−7	$1^s.83$	+5	32″.62	−4
30	36.15	0	22.88	+6	37.44	−1	11.75	−6	2.05	+2	32.50	−6
Dez. 1	35.96	+3	23.08	+7	37.67	−4	11.93	−2	2.27	−1	32.39	−6
2	35.77	+6	23.28	+5	37.91	−6	12.11	+2	2.50	−4	32.28	−5
3	35.58	+8	23.47	+2	38.14	−6	12.29	+6	2.72	−7	32.17	−2
4	35.38	+7	23.66	−2	38.37	−4	12.48	+9	2.95	−8	32.07	+2
5	35.18	+5	23.84	−6	38.60	−2	12.68	+10	3.18	−7	31.98	+6
6	34.98	+2	24.02	−8	38.82	+1	12.88	+9	3.41	−5	31.89	+8
7	34.77	−2	24.19	−8	39.04	+4	13.09	+5	3.65	−1	31.81	+9
8	34.56	−5	24.36	−7	39.26	+6	13.30	+1	3.88	+3	31.74	+7
9	34.34	−7	24.52	−3	39.48	+6	13.52	−4	4.12	+6	31.67	+3
10	34.13	−7	24.68	+1	39.69	+5	13.74	−8	4.36	+8	31.61	−1
11	33.91	−6	24.83	+5	39.90	+2	13.97	−11	4.60	+8	31.56	−5
12	33.69	−4	24.97	+9	40.11	−1	14.20	−11	4.84	+6	31.51	−9
13	33.47	−1	25.11	+10	40.31	−4	14.44	−9	5.09	+4	31.47	−11
14	33.24	+2	25.24	+11	40.51	−6	14.69	−6	5.33	+1	31.43	−11
15	33.01	+4	25.37	+9	40.71	−7	14.94	−2	5.57	−2	31.40	−9
16	32.77	+6	25.49	+6	40.90	−7	15.19	+2	5.82	−4	31.37	−6
17	32.54	+6	25.61	+2	41.09	−6	15.45	+5	6.07	−6	31.35	−3
18	32.30	+6	25.72	−1	41.28	−4	15.72	+7	6.32	−6	31.34	+1
19	32.06	+4	25.82	−5	41.46	−1	15.99	+8	6.57	−6	31.34	+5
20	31.82	+2	25.92	−8	41.64	+1	16.26	+8	6.82	−4	31.34	+7
21	31.58	−1	26.01	−9	41.81	+4	16.54	+6	7.08	−1	31.35	+9
22	31.34	−4	26.10	−9	41.98	+6	16.82	+3	7.33	+1	31.37	+9
23	31.09	−6	26.18	−8	42.15	+7	17.11	−1	7.58	+4	31.39	+7
24	30.85	−7	26.25	−5	42.31	+7	17.40	−4	7.83	+6	31.41	+4
25	30.60	−6	26.32	−1	42.47	+5	17.69	−7	8.09	+7	31.44	+1
26	30.35	−4	26.38	+2	42.62	+3	17.99	−8	8.34	+6	31.48	−3
27	30.09	−1	26.44	+6	42.77	0	18.30	−7	8.60	+4	31.53	−6
28	29.84	+2	26.49	+8	42.92	−4	18.61	−4	8.86	+1	31.58	−7
29	29.58	+5	26.53	+7	43.06	−6	18.92	0	9.12	−3	31.64	−6
30	29.33	+7	26.57	+4	43.19	−6	19.23	+4	9.37	−6	31.71	−4
31	29.07	+8	26.60	0	43.32	−5	19.55	+8	9.63	−8	31.78	0
32	28.82	+6	26.62	−4	43.45	−3	19.87	+10	9.88	−8	31.85	+4
sec δ, tg δ	85° 8′ 20″	11.801	−11.758		85° 22′ 10″	12.387	−12.346		84° 43′ 30″	10.877	−10.831	
	30	11.807	−11.765		20	12.394	−12.354		40	10.883	−10.837	

Tag	Octantis 20 G. $6^m.52$				Octantis 26 G. $6^m.13$				χ Octantis $5^m.22$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$14^h 50^m$	in $0^s.01$	−87° 51′	in $0''.01$	$16^h 33^m$	in $0^s.01$	−86° 14′	in $0''.01$	$18^h 11^m$	in $0^s.01$	−87° 39′	in $0''.01$
Nov. 29	$16^s.81$	+14	$20''.08$	0	$10^s.28$	+ 8	$18''.87$	+ 2	$59^s.17$	+ 9	$54''.38$	+ 5
30	17.14	+10	19.82	− 4	10.34	+ 7	18.56	− 3	59.04	+11	54.08	0
Dez. 1	17.48	+ 2	19.56	− 7	10.41	+ 4	18.26	− 6	58.91	+10	53.78	− 4
2	17.83	− 6	19.31	− 7	10.48	0	17.95	− 9	58.80	+ 5	53.48	− 8
3	18.19	−14	19.06	− 6	10.56	− 5	17.65	− 9	58.69	− 1	53.17	−10
4	18.56	−19	18.82	− 3	10.64	− 9	17.35	− 7	58.60	− 8	52.86	−10
5	18.93	−19	18.58	+ 1	10.73	−11	17.05	− 3	58.52	−14	52.56	− 7
6	19.31	−16	18.34	+ 5	10.83	−11	16.75	+ 1	58.45	−16	52.25	− 3
7	19.71	− 8	18.10	+ 7	10.94	− 8	16.45	+ 5	58.39	−14	51.93	+ 2
8	20.12	+ 1	17.87	+ 8	11.05	− 3	16.15	+ 8	58.34	− 9	51.62	+ 7
9	20.53	+10	17.64	+ 7	11.17	+ 2	15.86	+ 9	58.30	− 2	51.30	+ 9
10	20.95	+17	17.42	+ 4	11.30	+ 8	15.56	+ 7	58.27	+ 7	50.98	+10
11	21.39	+20	17.20	0	11.43	+11	15.27	+ 4	58.25	+14	50.66	+ 8
12	21.83	+20	16.99	− 4	11.56	+13	14.98	0	58.24	+18	50.35	+ 5
13	22.28	+16	16.79	− 8	11.70	+12	14.69	− 4	58.24	+20	50.03	+ 1
14	22.73	+10	16.59	−10	11.85	+10	14.41	− 7	58.25	+18	49.71	− 3
15	23.20	+ 2	16.40	−10	12.01	+ 6	14.12	− 9	58.28	+14	49.39	− 6
16	23.68	− 5	16.21	− 9	12.17	+ 1	13.84	− 9	58.31	+ 8	49.07	− 8
17	24.17	−11	16.02	− 6	12.34	− 3	13.56	− 8	58.35	+ 1	48.75	− 9
18	24.67	−14	15.84	− 3	12.52	− 7	13.28	− 6	58.41	− 6	48.43	− 8
19	25.17	−15	15.66	+ 1	12.70	− 9	13.00	− 2	58.47	−11	48.10	− 5
20	25.68	−14	15.49	+ 5	12.89	−10	12.73	+ 1	58.55	−15	47.78	− 2
21	26.19	− 9	15.32	+ 8	13.09	− 9	12.46	+ 5	58.64	−16	47.46	+ 2
22	26.71	− 3	15.15	+ 9	13.29	− 6	12.19	+ 8	58.73	−14	47.14	+ 6
23	27.24	+ 3	14.99	+10	13.49	− 3	11.93	+10	58.84	−10	46.82	+ 8
24	27.77	+10	14.84	+ 8	13.70	+ 1	11.67	+10	58.96	− 4	46.50	+10
25	28.30	+14	14.69	+ 5	13.91	+ 5	11.41	+ 8	59.09	+ 3	46.18	+ 9
26	28.84	+15	14.55	+ 1	14.13	+ 8	11.16	+ 4	59.23	+ 8	45.86	+ 6
27	29.40	+12	14.41	− 3	14.36	+ 8	10.91	0	59.38	+12	45.54	+ 2
28	29.96	+ 6	14.28	− 6	14.59	+ 6	10.66	− 5	59.54	+12	45.22	− 2
29	30.53	− 2	14.15	− 8	14.83	+ 3	10.41	− 8	59.71	+ 9	44.90	− 7
30	31.10	−10	14.03	− 7	15.07	− 2	10.17	− 9	59.89	+ 2	44.59	−10
31	31.68	−17	13.91	− 5	15.32	− 7	9.94	− 8	60.08	− 5	44.27	−10
32	32.26	−20	13.80	− 1	15.57	−10	9.70	− 5	60.28	−11	43.96	− 8
sec δ, tg δ	87° 51′ 10″	26.690	−26.671		86° 14′ 10″	15.233	−15.201		87° 39′ 40″	24.504	−24.483	
	20	26.724	−26.706		20	15.245	−15.212		50	24.533	−24.513	

Tag	σ Octantis $5^m.48$				β Octantis $4^m.34$				τ Octantis $5^m.56$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
1927	$19^h 42^m$ s	in s 0.01	−89° 12′ ″	in ″ 0.01	$22^h 38^m$ s	in s 0.01	−81° 46′ ″	in ″ 0.01	$23^h 17^m$ s	in s 0.01	−87° 53′ ″	in ″ 0.01
Nov. 29	52.26	+16	18.77	+ 6	46.37	0	4.11	+ 7	63.24	− 4	10.27	+ 6
30	51.31	+29	18.52	+ 3	46.23	+ 2	4.09	+ 6	62.67	+ 5	10.29	+ 6
Dez. 1	50.39	+34	18.27	− 2	46.10	+ 4	4.06	+ 3	62.11	+12	10.30	+ 4
2	49.49	+29	18.01	− 6	45.96	+ 4	4.03	− 1	61.54	+17	10.31	0
3	48.61	+15	17.75	−10	45.82	+ 4	3.99	− 5	60.97	+17	10.31	− 4
4	47.76	− 4	17.49	−11	45.69	+ 2	3.94	− 9	60.41	+13	10.30	− 7
5	46.93	−23	17.23	− 9	45.55	0	3.89	−10	59.84	+ 6	10.28	− 9
6	46.13	−37	16.96	− 6	45.42	− 2	3.83	− 9	59.28	− 2	10.26	− 9
7	45.35	−42	16.68	− 1	45.29	− 4	3.76	− 6	58.71	−10	10.23	− 7
8	44.60	−36	16.40	+ 4	45.15	− 4	3.69	− 1	58.14	−15	10.20	− 3
9	43.88	−21	16.12	+ 8	45.02	− 4	3.61	+ 4	57.57	−17	10.16	+ 2
10	43.19	0	15.83	+10	44.89	− 2	3.52	+ 8	57.00	−14	10.11	+ 7
11	42.52	+22	15.54	+10	44.76	0	3.43	+11	56.44	− 8	10.06	+10
12	41.88	+39	15.25	+ 8	44.63	+ 2	3.34	+11	55.87	− 1	10.00	+11
13	41.26	+50	14.95	+ 5	44.50	+ 4	3.24	+10	55.31	+ 7	9.94	+11
14	40.68	+53	14.65	+ 1	44.37	+ 5	3.13	+ 8	54.75	+13	9.87	+ 9
15	40.12	+47	14.35	− 3	44.25	+ 5	3.01	+ 4	54.20	+16	9.79	+ 5
16	39.59	+34	14.05	− 6	44.12	+ 5	2.89	0	53.64	+17	9.70	+ 1
17	39.08	+17	13.74	− 8	43.99	+ 3	2.76	− 4	53.08	+15	9.60	− 2
18	38.61	− 2	13.43	− 8	43.86	+ 2	2.62	− 6	52.52	+10	9.50	− 5
19	38.16	−20	13.11	− 7	43.74	0	2.48	− 8	51.97	+ 4	9.39	− 8
20	37.75	−35	12.79	− 5	43.62	− 2	2.33	− 8	51.42	− 3	9.28	− 8
21	37.36	−44	12.47	− 1	43.50	− 4	2.18	− 7	50.87	−10	9.16	− 8
22	37.00	−46	12.15	+ 2	43.38	− 5	2.02	− 5	50.33	−15	9.04	− 6
23	36.67	−40	11.83	+ 6	43.26	− 5	1.86	− 1	49.79	−18	8.91	− 3
24	36.37	−27	11.51	+ 8	43.14	− 4	1.69	+ 2	49.26	−18	8.77	+ 1
25	36.10	− 9	11.18	+ 9	43.03	− 3	1.52	+ 5	48.73	−14	8.63	+ 4
26	35.86	+11	10.85	+ 8	42.92	− 1	1.34	+ 7	48.21	− 7	8.48	+ 6
27	35.65	+27	10.52	+ 4	42.81	+ 2	1.15	+ 7	47.68	+ 2	8.32	+ 7
28	35.47	+36	10.18	0	42.70	+ 4	0.96	+ 5	47.16	+10	8.16	+ 6
29	35.32	+35	9.85	− 5	42.59	+ 5	0.76	+ 1	46.64	+16	7.99	+ 2
30	35.19	+24	9.51	− 9	42.48	+ 4	0.56	− 3	46.13	+18	7.82	− 2
31	35.10	+ 5	9.17	−10	42.37	+ 3	0.35	− 7	45.62	+15	7.64	− 6
32	35.04	−15	8.84	−10	42.27	+ 1	0.14	−10	45.12	+10	7.46	− 9

sec δ, tg δ								
	89° 12′ 10″	71.872	−71.865	81° 46′ 0″	6.983	−6.911	87° 53′ 0″	27.075	−27.057
	20	72.123	−72.116	10	6.985	−6.913	10	27.111	−27.092

Formeln

zur Reduktion auf den scheinbaren Ort

$$A = t - (0.34215 + 0.00031\,T)\sin\Omega + 0.00415\sin 2\Omega - 0.02526\sin 2L_\odot + 0.00251\sin M_\odot - 0.00099\sin(2L_\odot + M_\odot) + 0.00042\sin(2L_\odot - M_\odot) + 0.00025\sin(2L_\odot - \Omega)$$

$$A' = -0.00405\sin 2L_☾ + 0.00135\sin M_☾ - 0.00068\sin(2L_☾ - \Omega) - 0.00052\sin(2L_☾ + M_☾) + 0.00030\sin(2L_☾ - 2L_\odot - M_☾) + 0.00023\sin(2L_☾ - M_☾) + 0.00012\sin(2L_☾ - 2L_\odot)$$

$$B = -(9''.210 + 0''.001\,T)\cos\Omega + 0''.090\cos 2\Omega - 0''.551\cos 2L_\odot - 0''.022\cos(2L_\odot + M_\odot) + 0''.009\cos(2L_\odot - M_\odot) + 0''.007\cos(2L_\odot - \Omega)$$

$$B' = -0''.089\cos 2L_☾ - 0''.018\cos(2L_☾ - \Omega) - 0''.011\cos(2L_☾ + M_☾) + 0''.005\cos(2L_☾ - M_☾)$$

$$C = -20''.47\cos\odot\cos\varepsilon$$

$$D = -20''.47\sin\odot$$

$$E = -(0^s.0029 - 0^s.0004\,T)\sin\Omega$$

T Zeit seit 1900.0 in Einheiten von 100 tropischen Jahren

t Zeit seit Beginn des annus fictus in Bruchteilen des tropischen Jahres

$a = m + {}^1/_{15}\, n\sin\alpha\,\mathrm{tg}\,\delta$	$a' = n\cos\alpha$
$b = {}^1/_{15}\cos\alpha\,\mathrm{tg}\,\delta$	$b' = -\sin\alpha$
$c = {}^1/_{15}\cos\alpha\sec\delta$	$c' = \mathrm{tg}\,\varepsilon\cos\delta - \sin\alpha\sin\delta$
$d = {}^1/_{15}\sin\alpha\sec\delta$	$d' = \cos\alpha\sin\delta$

$$\alpha_{\text{app.}} = \alpha_{1927.0} + t\,\mu_\alpha + Aa + Bb + Cc + Dd + E + [A'a + B'b]$$
$$\delta_{\text{app.}} = \delta_{1927.0} + t\,\mu_\delta + Aa' + Bb' + Cc' + Dd' \quad + [A'a' + B'b']$$

μ_α, μ_δ jährliche Eigenbewegung in Rektaszension, bez. Deklination

Setzt man

$f = mA + E$	$f' = mA'$	$i = C\,\mathrm{tg}\,\varepsilon$
$g\sin G = B$	$g'\sin G' = B'$	$h\sin H = C$
$g\cos G = nA$	$g'\cos G' = nA'$	$h\cos H = D,$

so wird:

$$\alpha_{\text{app.}} = \alpha_{1927.0} + t\,\mu_\alpha + f + {}^1/_{15}\, g\sin(G+\alpha)\,\mathrm{tg}\,\delta + {}^1/_{15}\, h\sin(H+\alpha)\sec\delta + [f' + {}^1/_{15}\, g'\sin(G'+\alpha)\,\mathrm{tg}\,\delta]$$

$$\delta_{\text{app.}} = \delta_{1927.0} + t\,\mu_\delta + g\cos(G+\alpha) + h\cos(H+\alpha)\sin\delta + i\cos\delta + [g'\cos(G'+\alpha)]$$

Reduktionsgrößen 1927

für 12^h Sternzeit Greenwich

Welt-Zeit	t	log A	log B	log C	log D	E
1927	a					a
Jan. 1.2	−0.0004	9.52140_n	0.19257	0.50542_n	1.30471	−0.0027
11.2	+0.0269	9.47267_n	0.13767	0.80733_n	1.28416	27
21.2	0.0543	9.42116_n	0.05500	0.97442_n	1.24805	27
31.1	0.0816	9.36795_n	9.93651	1.08422_n	1.19362	27
Febr. 10.1	0.1089	9.31393_n	9.76567	1.16035_n	1.11568	27
20.1	0.1362	9.25964_n	9.49831	1.21320_n	1.00406	−0.0027
März 2.1	0.1635	9.20493_n	8.92942	1.24800_n	0.83493	27
12.0	0.1908	9.14823_n	8.95904_n	1.26764_n	0.53033	27
22.0	0.2181	9.08639_n	9.31175_n	1.27367_n	9.14613_n	27
April 1.0	0.2454	9.01393_n	9.40140_n	1.26668_n	0.56182_n	27
10.9	0.2727	8.92122_n	9.38021_n	1.24645_n	0.84665_n	−0.0027
20.9	0.3000	8.78986_n	9.25527_n	1.21195_n	1.00788_n	27
30.9	0.3273	8.57229_n	8.95424_n	1.16083_n	1.11498_n	27
Mai 10.9	0.3546	8.01284_n	7.95424	1.08891_n	1.19016_n	27
20.8	0.3819	8.29026	8.97772	0.98793_n	1.24329_n	27
30.8	0.4092	8.71332	9.18469	0.83998_n	1.27944_n	−0.0027
Juni 9.8	0.4365	8.93288	9.21748	0.59406_n	1.30142_n	27
19.8	0.4638	9.08181	9.09342	9.92117_n	1.31069_n	27
29.7	0.4911	9.19304	8.34242	0.35755	1.30792_n	27
Juli 9.7	0.5184	9.28003	9.13354_n	0.72640	1.29292_n	27
19.7	0.5457	9.34963	9.53403_n	0.91535	1.26482_n	−0.0027
29.6	0.5730	9.40610	9.76790_n	1.03778	1.22175_n	27
Aug. 8.6	0.6003	9.45217	9.92788_n	1.12362	1.16011_n	27
18.6	0.6276	9.49011	0.04493_n	1.18509	1.07361_n	27
28.6	0.6549	9.52169	0.13066_n	1.22827	0.94905_n	27
Sept. 7.5	0.6822	9.54851	0.19201_n	1.25631	0.75389_n	−0.0027
17.5	0.7095	9.57209	0.23249_n	1.27098	0.35736_n	27
27.5	0.7369	9.59381	0.25527_n	1.27291	0.08063	27
Okt. 7.5	0.7642	9.61494	0.26198_n	1.26207	0.66932	27
17.4	0.7915	9.63645	0.25455_n	1.23752	0.90407	27
27.4	0.8188	9.65910	0.23578_n	1.19736	1.04704	−0.0027
Nov. 6.4	0.8461	9.68319	0.20844_n	1.13805	1.14460	27
16.3	0.8734	9.70872	0.17840_n	1.05319	1.21344	27
26.3	0.9007	9.73531	0.15137_n	0.92967	1.26126	27
Dez. 6.3	0.9280	9.76231	0.13545_n	0.73512	1.29212	27
16.3	0.9553	9.78902	0.13799_n	0.33965	1.30816	−0.0027
26.2	0.9826	9.81467	0.16077_n	0.05576_n	1.31033	27
36.2	1.0099	9.83868	0.20112_n	0.64621_n	1.29870	27

Tag	Sternzeit Greenwich	0ʰ Welt-Zeit							
		t	f	log g	G	log h	H	log i	i
1927	h	s	s		h m		h m		″
Jan. 0	6.6	−0.0037	−1.037	0.8409	11 7.4	1.3103	23 28.5	0.0842$_n$	−1.214
1	6.6	−0.0010	1.026	0.8361	11 7.3	1.3101	23 24.8	0.1326$_n$	1.357
2	6.7	+0.0018	1.015	0.8313	11 7.3	1.3099	23 21.0	0.1761$_n$	1.500
3	6.8	0.0045	1.004	0.8265	11 7.2	1.3097	23 17.2	0.2154$_n$	1.642
4	6.8	0.0072	0.993	0.8217	11 7.2	1.3095	23 13.5	0.2512$_n$	1.783
5	6.9	0.0100	0.982	0.8168	11 7.2	1.3092	23 9.7	0.2842$_n$	1.924
6	7.0	0.0127	−0.971	0.8120	11 7.3	1.3089	23 5.9	0.3149$_n$	−2.065
7	7.0	0.0155	0.960	0.8071	11 7.4	1.3086	23 2.1	0.3434$_n$	2.205
8	7.1	0.0182	0.949	0.8022	11 7.5	1.3083	22 58.4	0.3700$_n$	2.344
9	7.2	0.0209	0.939	0.7972	11 7.6	1.3079	22 54.6	0.3948$_n$	2.482
10	7.2	0.0237	0.928	0.7921	11 7.8	1.3075	22 50.8	0.4183$_n$	2.620
11	7.3	0.0264	0.917	0.7870	11 8.0	1.3071	22 46.9	0.4404$_n$	2.757
12	7.4	0.0291	−0.907	0.7818	11 8.2	1.3067	22 43.1	0.4612$_n$	−2.892
13	7.4	0.0319	0.896	0.7766	11 8.4	1.3063	22 39.3	0.4810$_n$	3.027
14	7.5	0.0346	0.886	0.7714	11 8.7	1.3059	22 35.5	0.4998$_n$	3.161
15	7.6	0.0374	0.875	0.7662	11 9.0	1.3054	22 31.7	0.5177$_n$	3.294
16	7.6	0.0401	0.865	0.7609	11 9.3	1.3050	22 27.8	0.5348$_n$	3.426
17	7.7	0.0428	0.855	0.7556	11 9.7	1.3045	22 24.0	0.5511$_n$	3.557
18	7.8	0.0456	−0.845	0.7502	11 10.1	1.3040	22 20.1	0.5667$_n$	−3.687
19	7.8	0.0483	0.835	0.7448	11 10.5	1.3035	22 16.3	0.5815$_n$	3.815
20	7.9	0.0511	0.825	0.7393	11 10.9	1.3029	22 12.4	0.5957$_n$	3.942
21	8.0	0.0538	0.815	0.7339	11 11.4	1.3024	22 8.5	0.6094$_n$	4.068
22	8.0	0.0565	0.805	0.7284	11 11.9	1.3018	22 4.6	0.6225$_n$	4.193
23	8.1	0.0593	0.795	0.7229	11 12.5	1.3012	22 0.7	0.6352$_n$	4.317
24	8.2	0.0620	−0.786	0.7173	11 13.0	1.3007	21 56.8	0.6473$_n$	−4.439
25	8.2	0.0647	0.776	0.7118	11 13.6	1.3001	21 52.9	0.6589$_n$	4.559
26	8.3	0.0675	0.767	0.7063	11 14.3	1.2995	21 48.9	0.6701$_n$	4.678
27	8.4	0.0702	0.758	0.7007	11 14.9	1.2989	21 45.0	0.6809$_n$	4.796
28	8.4	0.0730	0.748	0.6950	11 15.6	1.2982	21 41.0	0.6913$_n$	4.912
29	8.5	0.0757	0.739	0.6894	11 16.4	1.2976	21 37.1	0.7012$_n$	5.026
30	8.5	0.0784	−0.730	0.6838	11 17.2	1.2970	21 33.1	0.7109$_n$	−5.139
31	8.6	0.0812	0.721	0.6781	11 18.0	1.2963	21 29.1	0.7202$_n$	5.250
Febr. 1	8.7	0.0839	0.712	0.6724	11 18.8	1.2957	21 25.1	0.7292$_n$	5.360
2	8.7	0.0866	0.703	0.6667	11 19.7	1.2950	21 21.1	0.7378$_n$	5.468
3	8.8	0.0894	0.695	0.6610	11 20.6	1.2944	21 17.1	0.7462$_n$	5.574
4	8.9	0.0921	0.686	0.6553	11 21.5	1.2937	21 13.1	0.7542$_n$	5.678
5	8.9	0.0949	−0.678	0.6496	11 22.5	1.2931	21 9.0	0.7619$_n$	−5.780
6	9.0	0.0976	0.669	0.6439	11 23.5	1.2924	21 5.0	0.7694$_n$	5.880
7	9.1	0.1003	0.661	0.6382	11 24.5	1.2917	21 0.9	0.7766$_n$	5.979
8	9.1	0.1031	0.653	0.6325	11 25.5	1.2911	20 56.9	0.7836$_n$	6.076
9	9.2	0.1058	0.645	0.6268	11 26.6	1.2904	20 52.8	0.7904$_n$	6.171
10	9.3	0.1085	−0.637	0.6210	11 27.7	1.2898	20 48.7	0.7969$_n$	−6.264

Tag	f'	g'	G'	Allgemeine Präzession seit 1927.0	$\Delta\psi$	$\Delta\psi'$	Wahre Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$
	0ʰ Welt-Zeit								
1927	in 0.001 s	in 0.01″	h	″	″	in 0.01″	23° 26′ ″	″	in 0.01″
Jan. 0	−16	+10	11.9	−0.19	−16.77	−26	54.03	−1.58	0
1	−15	11	10.4	−0.05	16.73	−24	54.01	1.56	−4
2	−11	10	8.9	+0.09	16.68	−18	53.99	1.55	−7
3	−5	10	7.3	0.23	16.64	−8	53.99	1.53	−9
4	+2	9	5.5	0.36	16.60	+3	54.00	1.51	−9
5	+8	8	3.5	0.50	16.56	+13	54.04	1.50	−7
6	+12	+8	1.3	+0.64	−16.51	+19	54.10	−1.48	−3
7	+12	8	23.1	0.78	16.47	+20	54.16	1.46	+2
8	+10	9	21.1	0.91	16.43	+17	54.22	1.44	+6
9	+5	9	19.5	1.05	16.40	+9	54.27	1.42	+9
10	0	9	17.8	1.19	16.36	−1	54.30	1.40	+9
11	−6	8	16.2	1.33	16.32	−10	54.30	1.38	+8
12	−9	+7	14.3	+1.46	−16.29	−15	54.28	−1.36	+4
13	−10	6	11.8	1.60	16.25	−16	54.26	1.33	0
14	−7	7	9.2	1.74	16.22	−12	54.24	1.31	−4
15	−3	8	7.0	1.88	16.19	−5	54.23	1.29	−7
16	+2	9	5.3	2.02	16.16	+4	54.24	1.26	−9
17	+7	9	3.9	2.15	16.13	+12	54.27	1.24	−8
18	+11	+9	2.6	+2.29	−16.10	+19	54.31	−1.22	−6
19	+13	9	1.3	2.43	16.07	+22	54.37	1.19	−3
20	+13	9	23.8	2.57	16.05	+22	54.43	1.17	0
21	+11	8	22.1	2.70	16.02	+18	54.48	1.14	+4
22	+7	8	20.3	2.84	16.00	+11	54.54	1.11	+6
23	+2	8	18.5	2.98	15.98	+3	54.58	1.09	+8
24	−4	+9	16.8	+3.12	−15.96	−7	54.60	−1.06	+8
25	−9	9	15.3	3.25	15.94	−16	54.62	1.03	+7
26	−14	10	13.8	3.39	15.92	−23	54.62	1.01	+5
27	−16	11	12.3	3.53	15.91	−27	54.61	0.98	+1
28	−16	11	10.9	3.67	15.89	−26	54.59	0.95	−3
29	−13	11	9.5	3.80	15.88	−22	54.59	0.92	−6
30	−8	+10	8.0	+3.94	−15.87	−13	54.59	−0.90	−9
31	−1	9	6.4	4.08	15.86	−2	54.61	0.87	−9
Febr. 1	+5	8	4.4	4.22	15.85	+8	54.66	0.84	−8
2	+10	8	2.1	4.35	15.85	+16	54.72	0.81	−4
3	+12	8	23.8	4.49	15.84	+20	54.79	0.78	0
4	+11	9	21.7	4.63	15.84	+18	54.86	0.75	+5
5	+7	+9	20.0	+4.77	−15.84	+12	54.92	−0.73	+8
6	+2	9	18.5	4.90	15.84	+3	54.96	0.70	+9
7	−4	9	17.0	5.04	15.84	−6	54.98	0.67	+8
8	−8	7	15.2	5.18	15.85	−12	54.98	0.64	+5
9	−9	6	12.8	5.32	15.85	−15	54.96	0.61	+1
10	−8	6	9.9	5.46	15.86	−13	54.94	0.59	−3

Tag	Sternzeit Greenwich	t	f	log g	G	log h	H	log i	i
		0ʰ Welt-Zeit							
1927									
	h	h	s		h m		h m		"
Febr. 10	9.3	0.1085	−0.637	0.6210	11 27.7	1.2898	20 48.7	0.7969$_n$	−6.264
11	9.3	0.1113	0.629	0.6152	11 28.8	1.2891	20 44.6	0.8031$_n$	6.355
12	9.4	0.1140	0.621	0.6095	11 30.0	1.2885	20 40.5	0.8092$_n$	6.444
13	9.5	0.1168	0.614	0.6038	11 31.2	1.2878	20 36.4	0.8150$_n$	6.531
14	9.5	0.1195	0.606	0.5980	11 32.4	1.2872	20 32.2	0.8206$_n$	6.616
15	9.6	0.1222	0.598	0.5923	11 33.6	1.2865	20 28.1	0.8260$_n$	6.699
16	9.7	0.1250	−0.591	0.5866	11 34.9	1.2859	20 23.9	0.8312$_n$	−6.779
17	9.7	0.1277	0.584	0.5809	11 36.1	1.2853	20 19.8	0.8361$_n$	6.857
18	9.8	0.1304	0.576	0.5753	11 37.4	1.2846	20 15.6	0.8410$_n$	6.934
19	9.9	0.1332	0.569	0.5696	11 38.7	1.2840	20 11.4	0.8456$_n$	7.008
20	9.9	0.1359	0.562	0.5638	11 40.0	1.2834	20 7.2	0.8500$_n$	7.080
21	10.0	0.1387	0.555	0.5581	11 41.3	1.2828	20 3.0	0.8543$_n$	7.150
22	10.1	0.1414	−0.548	0.5524	11 42.7	1.2823	19 58.8	0.8584$_n$	−7.218
23	10.1	0.1441	0.542	0.5468	11 44.0	1.2817	19 54.5	0.8623$_n$	7.283
24	10.2	0.1469	0.535	0.5412	11 45.4	1.2812	19 50.3	0.8661$_n$	7.346
25	10.3	0.1496	0.528	0.5355	11 46.8	1.2806	19 46.1	0.8696$_n$	7.407
26	10.3	0.1524	0.522	0.5298	11 48.2	1.2801	19 41.8	0.8730$_n$	7.465
27	10.4	0.1551	0.515	0.5242	11 49.6	1.2796	19 37.6	0.8763$_n$	7.521
28	10.5	0.1578	−0.509	0.5186	11 51.0	1.2791	19 33.3	0.8794$_n$	−7.575
März 1	10.5	0.1606	0.502	0.5131	11 52.4	1.2787	19 29.0	0.8823$_n$	7.626
2	10.6	0.1633	0.496	0.5075	11 53.8	1.2782	19 24.7	0.8851$_n$	7.675
3	10.7	0.1660	0.490	0.5018	11 55.2	1.2778	19 20.5	0.8877$_n$	7.722
4	10.7	0.1688	0.483	0.4961	11 56.6	1.2774	19 16.2	0.8902$_n$	7.766
5	10.8	0.1715	0.477	0.4904	11 57.9	1.2770	19 11.9	0.8925$_n$	7.808
6	10.8	0.1743	−0.471	0.4847	11 59.3	1.2766	19 7.6	0.8947$_n$	−7.847
7	10.9	0.1770	0.465	0.4791	12 0.7	1.2762	19 3.3	0.8967$_n$	7.884
8	11.0	0.1797	0.459	0.4735	12 2.1	1.2759	18 58.9	0.8986$_n$	7.918
9	11.0	0.1825	0.453	0.4678	12 3.4	1.2756	18 54.6	0.9004$_n$	7.950
10	11.1	0.1852	0.447	0.4621	12 4.8	1.2753	18 50.3	0.9020$_n$	7.980
11	11.2	0.1879	0.441	0.4564	12 6.1	1.2750	18 46.0	0.9035$_n$	8.008
12	11.2	0.1907	−0.435	0.4506	12 7.4	1.2748	18 41.6	0.9049$_n$	−8.033
13	11.3	0.1934	0.430	0.4448	12 8.6	1.2746	18 37.3	0.9061$_n$	8.055
14	11.4	0.1962	0.424	0.4389	12 9.9	1.2744	18 33.0	0.9071$_n$	8.075
15	11.4	0.1989	0.418	0.4330	12 11.1	1.2742	18 28.6	0.9081$_n$	8.092
16	11.5	0.2016	0.412	0.4270	12 12.3	1.2741	18 24.3	0.9089$_n$	8.107
17	11.6	0.2044	0.406	0.4209	12 13.5	1.2739	18 20.0	0.9096$_n$	8.120
18	11.6	0.2071	−0.401	0.4148	12 14.7	1.2738	18 15.6	0.9101$_n$	−8.130
19	11.7	0.2098	0.395	0.4087	12 15.8	1.2738	18 11.3	0.9105$_n$	8.138
20	11.8	0.2126	0.389	0.4025	12 16.9	1.2737	18 7.0	0.9108$_n$	8.143
21	11.8	0.2153	0.384	0.3962	12 18.0	1.2737	18 2.6	0.9109$_n$	8.145
22	11.9	0.2181	0.378	0.3897	12 19.1	1.2737	17 58.3	0.9109$_n$	8.145
23	12.0	0.2208	−0.372	0.3832	12 20.1	1.2737	17 54.0	0.9108$_n$	−8.143

Tag	0h Welt-Zeit								
	f'	g'	G'	Allgemeine Präzession seit 1927.0	Δψ	Δψ'	Wahre Schiefe	Δε	Δε'
1927	in 0.001 (s)	in 0.01 (")				in 0.01 (")	23° 26'		in 0.01 (")
Febr. 10	− 8	+ 6	9.9 (h)	+ 5.46 (")	−15.86 (")	−13	54.94 (")	−0.59 (")	− 3
11	− 4	7	7.4	5.59	15.87	− 6	54.93	0.56	− 7
12	+ 1	8	5.6	5.73	15.88	+ 2	54.94	0.53	− 8
13	+ 7	9	4.2	5.87	15.89	+11	54.97	0.50	− 8
14	+11	10	2.9	6.01	15.90	+18	55.01	0.48	− 7
15	+13	10	1.6	6.14	15.92	+22	55.07	0.45	− 4
16	+14	+ 9	0.3	+ 6.28	−15.94	+23	55.12	−0.42	− 1
17	+12	8	22.7	6.42	15.95	+20	55.19	0.39	+ 3
18	+ 8	8	20.9	6.56	15.97	+14	55.24	0.37	+ 6
19	+ 4	8	19.1	6.69	15.99	+ 6	55.28	0.34	+ 8
20	− 2	8	17.4	6.83	16.02	− 3	55.31	0.32	+ 8
21	− 8	9	15.7	6.97	16.04	−13	55.33	0.29	+ 8
22	−13	+10	14.2	+ 7.11	−16.06	−21	55.33	−0.27	+ 5
23	−16	11	12.8	7.24	16.09	−26	55.32	0.24	+ 2
24	−17	11	11.4	7.38	16.12	−27	55.30	0.22	− 2
25	−15	11	10.0	7.52	16.15	−24	55.29	0.20	− 6
26	−10	11	8.6	7.66	16.18	−17	55.28	0.17	− 8
27	− 4	10	7.1	7.79	16.21	− 7	55.29	0.15	− 9
28	+ 2	+ 8	5.4	+ 7.93	−16.24	+ 3	55.32	−0.13	− 8
März 1	+ 7	7	3.2	8.07	16.27	+12	55.37	0.11	− 5
2	+11	7	0.6	8.21	16.31	+17	55.44	0.09	− 1
3	+11	8	22.2	8.35	16.34	+17	55.50	0.07	+ 3
4	+ 8	9	20.3	8.48	16.38	+13	55.56	0.05	+ 7
5	+ 3	9	18.8	8.62	16.41	+ 5	55.60	0.03	+ 9
6	− 2	+ 9	17.4	+ 8.76	−16.45	− 4	55.61	- 0.01	+ 9
7	− 7	8	15.8	8.90	16.49	−11	55.60	+0.01	+ 7
8	− 9	6	13.6	9.03	16.53	−14	55.58	0.03	+ 3
9	− 8	6	10.7	9.17	16.57	−13	55.55	0.04	− 2
10	− 5	6	7.9	9.31	16.61	− 8	55.53	0.06	− 6
11	0	8	5.9	9.45	16.65	+ 1	55.52	0.08	− 8
12	+ 6	+10	4.4	+ 9.58	−16.69	+10	55.52	+0.09	− 9
13	+11	10	3.2	9.72	16.74	+18	55.55	0.10	− 8
14	+14	10	1.9	9.86	16.78	+23	55.59	0.12	− 5
15	+15	10	0.7	10.00	16.82	+24	55.63	0.13	− 2
16	+14	9	23.1	10.13	16.87	+22	55.68	0.14	+ 2
17	+10	8	21.6	10.27	16.91	+17	55.72	0.16	+ 5
18	+ 6	+ 8	19.9	+10.41	−16.95	+ 9	55.75	+0.17	+ 7
19	0	8	18.1	10.55	17.00	0	55.77	0.18	+ 8
20	− 6	9	16.4	10.68	17.04	− 9	55.78	0.19	+ 8
21	−11	9	14.8	10.82	17.08	−18	55.77	0.20	+ 6
22	−15	10	13.3	10.96	17.13	−24	55.75	0.20	+ 3
23	−16	10	11.9	11.10	17.17	−26	55.72	0.21	0

Tag	Sternzeit Greenwich	0h Welt-Zeit							
		t	f	log g*)	G*)	log h	H	log i	i
1927	h	s	s		h m		h m		"
März 23	12.0	0.2208	−0.372	0.3832	12 20.1	1.2737	17 54.0	0.9108_n	−8.143
24	12.0	0.2235	0.366	0.3766	12 21.1	1.2737	17 49.7	0.9106_n	8.139
25	12.1	0.2263	0.361	0.3699	12 22.1	1.2738	17 45.3	0.9102_n	8.132
26	12.2	0.2290	0.355	0.3630	12 23.0	1.2739	17 41.0	0.9097_n	8.122
27	12.2	0.2318	0.349	0.3560	12 23.9	1.2740	17 36.7	0.9090_n	8.110
28	12.3	0.2345	0.344	0.3490	12 24.8	1.2742	17 32.4	0.9083_n	8.096
29	12.4	0.2372	−0.338	0.3418	12 25.6	1.2743	17 28.1	0.9074_n	−8.079
30	12.4	0.2400	0.332	0.3344	12 26.4	1.2745	17 23.8	0.9063_n	8.060
31	12.5	0.2427	0.326	0.3267	12 27.1	1.2747	17 19.5	0.9052_n	8.039
April 1	12.6	0.2454	0.320	0.3189	12 27.8	1.2750	17 15.2	0.9039_n	8.015
2	12.6	0.2482	0.314	0.3109	12 28.4	1.2752	17 11.0	0.9025_n	7.989
3	12.7	0.2509	0.308	0.3027	12 29.0	1.2755	17 6.7	0.9009_n	7.960
4	12.8	0.2537	−0.302	0.2942	12 29.6	1.2758	17 2.5	0.8992_n	−7.929
5	12.8	0.2564	0.296	0.2855	12 30.2	1.2761	16 58.2	0.8974_n	7.896
6	12.9	0.2591	0.290	0.2765	12 30.8	1.2765	16 54.0	0.8954_n	7.860
7	13.0	0.2619	0.284	0.2672	12 31.3	1.2768	16 49.7	0.8933_n	7.822
8	13.0	0.2646	0.278	0.2576	12 31.7	1.2772	16 45.5	0.8910_n	7.781
9	13.1	0.2673	0.272	0.2477	12 32.1	1.2776	16 41.3	0.8887_n	7.739
10	13.1	0.2701	−0.265	0.2375	12 32.5	1.2780	16 37.1	0.8862_n	−7.695
11	13.2	0.2728	0.259	0.2270	12 32.8	1.2785	16 32.9	0.8835_n	7.648
12	13.3	0.2756	0.252	0.2161	12 33.0	1.2789	16 28.7	0.8808_n	7.599
13	13.3	0.2783	0.246	0.2048	12 33.2	1.2794	16 24.6	0.8778_n	7.547
14	13.4	0.2810	0.239	0.1930	12 33.3	1.2799	16 20.4	0.8747_n	7.494
15	13.5	0.2838	0.233	0.1807	12 33.4	1.2804	16 16.3	0.8715_n	7.439
16	13.5	0.2865	−0.226	0.1678	12 33.5	1.2809	16 12.1	0.8681_n	−7.381
17	13.6	0.2892	0.219	0.1544	12 33.5	1.2814	16 8.0	0.8646_n	7.321
18	13.7	0.2920	0.213	0.1405	12 33.4	1.2819	16 3.9	0.8609_n	7.259
19	13.7	0.2947	0.206	0.1261	12 33.3	1.2825	15 59.8	0.8570_n	7.195
20	13.8	0.2975	0.199	0.1111	12 33.2	1.2830	15 55.7	0.8530_n	7.129
21	13.9	0.3002	0.192	0.0953	12 33.0	1.2836	15 51.6	0.8488_n	7.060
22	13.9	0.3029	−0.185	0.0785	12 32.8	1.2842	15 47.6	0.8445_n	−6.990
23	14.0	0.3057	0.177	0.0607	12 32.5	1.2848	15 43.5	0.8400_n	6.918
24	14.1	0.3084	0.170	0.0420	12 32.2	1.2854	15 39.5	0.8353_n	6.844
25	14.1	0.3112	0.163	0.0224	12 31.8	1.2860	15 35.5	0.8305_n	6.768
26	14.2	0.3139	0.155	0.0017	12 31.3	1.2866	15 31.5	0.8255_n	6.691
27	14.3	0.3166	0.148	9.9795	12 30.7	1.2872	15 27.5	0.8203_n	6.611
28	14.3	0.3194	−0.140	9.9558	12 30.0	1.2878	15 23.5	0.8148_n	−6.528
29	14.4	0.3221	0.133	9.9304	12 29.2	1.2884	15 19.6	0.8092_n	6.444
30	14.5	0.3248	0.125	9.9031	12 28.3	1.2891	15 15.6	0.8034_n	6.359
Mai 1	14.5	0.3276	0.117	9.8739	12 27.3	1.2897	15 11.7	0.7975_n	6.273
2	14.6	0.3303	0.109	9.8426	12 26.1	1.2903	15 7.7	0.7913_n	6.184
3	14.7	0.3331	−0.101	9.8082	12 24.6	1.2910	15 3.8	0.7848_n	−6.093

*) Ueber die Interpolation der Grössen g und G in den Monaten April, Mai und Juni siehe die Erläuterungen.

Tag	0ʰ Welt-Zeit								
	f'	g'	G'	Allgemeine Präzession seit 1927.0	$\Delta\psi$	$\Delta\psi'$	Wahre Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$
1927	in 0.ˢ001	in 0.″01				in 0.″01	23° 26′		in 0.″01
März 23	−16	+10	ʰ11.9	+″11.10	−″17.17	−26	″55.72	+″0.21	0
24	−15	11	10.4	11.23	17.22	−25	55.68	0.22	− 4
25	−12	11	9.0	11.37	17.26	−20	55.66	0.23	− 8
26	− 7	10	7.7	11.51	17.31	−11	55.64	0.23	− 9
27	0	9	6.1	11.65	17.35	− 1	55.65	0.24	− 9
28	+ 5	7	4.2	11.79	17.39	+ 9	55.68	0.24	− 7
29	+ 9	+ 6	1.6	+11.92	−17.44	+15	55.72	+0.24	− 3
30	+10	7	22.9	12.06	17.48	+16	55.77	0.25	+ 2
31	+ 8	8	20.6	12.20	17.52	+13	55.81	0.25	+ 6
April 1	+ 4	9	19.0	12.34	17.56	+ 6	55.84	0.25	+ 9
2	− 2	10	17.5	12.47	17.60	− 3	55.84	0.25	+ 9
3	− 7	9	16.1	12.61	17.64	−11	55.83	0.25	+ 8
4	− 9	+ 7	14.3	+12.75	−17.68	−15	55.79	+0.25	+ 4
5	− 9	6	11.7	12.89	17.72	−15	55.74	0.25	0
6	− 6	6	8.9	13.02	17.76	−11	55.70	0.25	− 5
7	− 2	8	6.5	13.16	17.80	− 3	55.66	0.25	− 8
8	+ 4	9	4.8	13.30	17.83	+ 7	55.65	0.25	− 9
9	+10	10	3.5	13.44	17.87	+16	55.65	0.25	− 8
10	+14	+11	2.3	+13.57	−17.91	+23	55.67	+0.24	− 6
11	+16	11	1.0	13.71	17.94	+25	55.70	0.24	− 3
12	+15	10	23.7	13.85	17.97	+25	55.73	0.24	+ 1
13	+12	9	22.2	13.99	18.00	+20	55.75	0.23	+ 4
14	+ 8	8	20.5	14.12	18.03	+13	55.77	0.22	+ 7
15	+ 3	8	18.8	14.26	18.06	+ 4	55.78	0.22	+ 8
16	− 3	+ 8	17.1	+14.40	−18.09	− 5	55.77	+0.21	+ 8
17	− 9	9	15.4	14.54	18.12	−14	55.75	0.21	+ 7
18	−13	9	13.8	14.67	18.15	−21	55.72	0.20	+ 4
19	−15	10	12.3	14.81	18.17	−25	55.68	0.19	+ 1
20	−15	10	10.8	14.95	18.19	−25	55.63	0.19	− 3
21	−12	11	9.4	15.09	18.22	−20	55.58	0.18	− 7
22	− 8	+10	8.0	+15.23	−18.24	−13	55.55	+0.17	− 9
23	− 2	9	6.5	15.36	18.26	− 3	55.54	0.16	− 9
24	+ 4	8	4.8	15.50	18.28	+ 6	55.54	0.15	− 8
25	+ 8	7	2.6	15.64	18.29	+13	55.57	0.15	− 4
26	+10	6	23.8	15.78	18.31	+16	55.61	0.14	0
27	+ 8	7	21.1	15.91	18.32	+14	55.64	0.13	+ 5
28	+ 4	+ 9	19.2	+16.05	−18.34	+ 7	55.66	+0.12	+ 8
29	− 1	10	17.7	16.19	18.35	− 2	55.66	0.11	+10
30	− 6	10	16.3	16.33	18.36	−11	55.64	0.10	+ 9
Mai 1	−10	9	14.6	16.46	18.37	−16	55.60	0.09	+ 5
2	−11	7	12.6	16.60	18.38	−18	55.55	0.08	+ 1
3	− 9	7	10.1	16.74	18.38	−14	55.49	0.07	− 3

Tag	Sternzeit Greenwich	0^h Welt-Zeit							
		t	f	log g*)	G*)	log h	H	log i	i
1927	h	s	s		h m		h m		"
Mai 3	14.7	0.3331	−0.101	9.8082	12 24.6	1.2910	15 3.8	0.7848$_n$	−6.093
4	14.7	0.3358	0.093	9.7709	12 23.0	1.2916	14 59.9	0.7782$_n$	6.001
5	14.8	0.3385	0.085	9.7284	12 21.0	1.2922	14 56.1	0.7714$_n$	5.907
6	14.9	0.3413	0.076	9.6812	12 18.7	1.2929	14 52.2	0.7643$_n$	5.811
7	14.9	0.3440	0.068	9.6274	12 15.7	1.2935	14 48.3	0.7569$_n$	5.714
8	15.0	0.3467	0.059	9.5658	12 11.9	1.2941	14 44.5	0.7493$_n$	5.615
9	15.1	0.3495	−0.051	9.4928	12 6.6	1.2948	14 40.6	0.7415$_n$	−5.514
10	15.1	0.3522	0.042	9.4082	11 59.1	1.2954	14 36.8	0.7334$_n$	5.412
11	15.2	0.3550	0.033	9.2989	11 47.3	1.2960	14 33.0	0.7250$_n$	5.309
12	15.3	0.3577	0.025	9.1523	11 27.7	1.2966	14 29.2	0.7163$_n$	5.204
13	15.3	0.3604	0.016	8.9445	10 40.5	1.2972	14 25.4	0.7074$_n$	5.098
14	15.4	0.3632	−0.007	8.6628	8 10.6	1.2978	14 21.7	0.6981$_n$	4.990
15	15.4	0.3659	+0.002	8.7634	3 42.0	1.2984	14 17.9	0.6885$_n$	−4.881
16	15.5	0.3686	0.012	9.0414	2 4.9	1.2990	14 14.2	0.6786$_n$	4.771
17	15.6	0.3714	0.021	9.2253	1 31.5	1.2996	14 10.4	0.6683$_n$	4.659
18	15.6	0.3741	0.030	9.3579	1 15.0	1.3001	14 6.7	0.6576$_n$	4.546
19	15.7	0.3769	0.039	9.4609	1 5.2	1.3007	14 3.0	0.6466$_n$	4.432
20	15.8	0.3796	0.049	9.5441	0 58.2	1.3012	13 59.3	0.6352$_n$	4.317
21	15.8	0.3823	+0.058	9.6149	0 53.8	1.3018	13 55.6	0.6232$_n$	−4.200
22	15.9	0.3851	0.068	9.6767	0 50.6	1.3023	13 51.9	0.6109$_n$	4.082
23	16.0	0.3878	0.078	9.7324	0 47.5	1.3028	13 48.3	0.5980$_n$	3.963
24	16.0	0.3906	0.088	9.7810	0 45.1	1.3033	13 44.6	0.5847$_n$	3.843
25	16.1	0.3933	0.097	9.8241	0 42.9	1.3038	13 41.0	0.5708$_n$	3.722
26	16.2	0.3960	0.107	9.8639	0 41.0	1.3043	13 37.3	0.5563$_n$	3.600
27	16.2	0.3988	+0.117	9.9009	0 39.1	1.3048	13 33.7	0.5412$_n$	−3.477
28	16.3	0.4015	0.127	9.9345	0 37.5	1.3052	13 30.0	0.5256$_n$	3.354
29	16.4	0.4042	0.137	9.9671	0 36.0	1.3057	13 26.4	0.5091$_n$	3.229
30	16.4	0.4070	0.148	9.9974	0 34.6	1.3061	13 22.8	0.4918$_n$	3.103
31	16.5	0.4097	0.158	0.0253	0 33.2	1.3065	13 19.2	0.4738$_n$	2.977
Juni 1	16.6	0.4125	0.168	0.0515	0 31.9	1.3069	13 15.6	0.4548$_n$	2.850
2	16.6	0.4152	+0.178	0.0763	0 30.7	1.3072	13 12.1	0.4349$_n$	−2.722
3	16.7	0.4179	0.189	0.1000	0 29.6	1.3076	13 8.5	0.4138$_n$	2.593
4	16.8	0.4207	0.199	0.1229	0 28.4	1.3079	13 4.9	0.3916$_n$	2.464
5	16.8	0.4234	0.210	0.1449	0 27.3	1.3083	13 1.4	0.3681$_n$	2.334
6	16.9	0.4261	0.220	0.1655	0 26.2	1.3086	12 57.8	0.3430$_n$	2.203
7	17.0	0.4289	0.231	0.1855	0 25.0	1.3089	12 54.2	0.3164$_n$	2.072
8	17.0	0.4316	+0.241	0.2044	0 23.9	1.3092	12 50.7	0.2878$_n$	−1.940
9	17.1	0.4344	0.252	0.2227	0 22.8	1.3094	12 47.2	0.2572$_n$	1.808
10	17.2	0.4371	0.263	0.2403	0 21.7	1.3097	12 43.6	0.2240$_n$	1.675
11	17.2	0.4398	0.273	0.2574	0 20.7	1.3099	12 40.1	0.1881$_n$	1.542
12	17.3	0.4426	0.284	0.2737	0 19.6	1.3101	12 36.6	0.1486$_n$	1.408
13	17.4	0.4453	+0.295	0.2896	0 18.6	1.3103	12 33.1	0.1052$_n$	−1.274

*) Ueber die Interpolation der Grössen g und G in den Monaten April, Mai und Juni siehe die Erläuterungen.

Tag	f'	g'	G'	Allgemeine Präzession seit 1927.0	$\Delta\psi$	$\Delta\psi'$	Wahre Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$
	0h Welt-Zeit								
1927	in 0.001 (s)	in 0.01 (")	(h)	(")	(")	in 0.01 (")	23° 26' (")	(")	in 0.01 (")
Mai 3	−9	+7	10.1	+16.74	−18.38	−14	55.49	+0.07	−3
4	−4	7	7.5	16.88	18.39	−7	55.44	0.06	−7
5	+2	9	5.5	17.01	18.39	+3	55.41	0.05	−9
6	+8	10	4.0	17.15	18.39	+13	55.40	0.04	−9
7	+13	11	2.7	17.29	18.39	+21	55.41	0.03	−7
8	+15	11	1.4	17.43	18.39	+25	55.43	0.02	−4
9	+16	+10	0.1	+17.56	−18.39	+26	55.45	+0.01	0
10	+14	10	22.7	17.70	18.38	+23	55.48	0.00	+3
11	+10	9	21.1	17.84	18.38	+16	55.50	−0.01	+6
12	+5	9	19.4	17.98	18.37	+8	55.50	0.02	+8
13	−1	8	17.7	18.12	18.36	−2	55.50	0.03	+8
14	−7	9	16.0	18.25	18.35	−11	55.48	0.04	+7
15	−11	+9	14.4	+18.39	−18.34	−18	55.44	−0.05	+5
16	−14	9	12.8	18.53	18.33	−23	55.40	0.06	+2
17	−15	10	11.2	18.67	18.32	−24	55.35	0.06	−2
18	−13	10	9.7	18.80	18.30	−21	55.31	0.07	−6
19	−9	10	8.3	18.94	18.29	−14	55.27	0.08	−8
20	−3	10	6.8	19.08	18.27	−5	55.25	0.09	−9
21	+3	+9	5.2	+19.22	−18.25	+5	55.25	−0.10	−8
22	+8	7	3.2	19.35	18.23	+12	55.27	0.10	−5
23	+10	7	0.7	19.49	18.21	+17	55.31	0.11	−1
24	+9	7	22.0	19.63	18.19	+16	55.35	0.12	+3
25	+6	8	19.9	19.77	18.17	+10	55.38	0.12	+7
26	+1	9	18.2	19.90	18.14	+1	55.39	0.13	+9
27	−5	+10	16.6	+20.04	−18.11	−8	55.38	−0.13	+9
28	−10	9	15.1	20.18	18.09	−16	55.35	0.14	+7
29	−12	8	13.4	20.32	18.06	−20	55.31	0.14	+3
30	−11	7	11.0	20.45	18.03	−18	55.25	0.15	−2
31	−7	7	8.6	20.59	18.00	−12	55.21	0.15	−6
Juni 1	−1	8	6.4	20.73	17.97	−2	55.18	0.16	−8
2	+5	+10	4.7	+20.87	−17.94	+8	55.17	−0.16	−9
3	+11	10	3.2	21.00	17.91	+17	55.18	0.16	−8
4	+14	11	1.8	21.14	17.88	+24	55.20	0.16	−5
5	+16	10	0.5	21.28	17.84	+26	55.23	0.17	−1
6	+15	10	23.1	21.42	17.81	+24	55.27	0.17	+2
7	+11	9	21.6	21.56	17.77	+18	55.30	0.17	+5
8	+6	+9	20.0	+21.69	−17.74	+11	55.32	−0.17	+7
9	+1	8	18.2	21.83	17.70	+1	55.33	0.17	+8
10	−5	8	16.5	21.97	17.66	−8	55.32	0.16	+8
11	−10	9	14.9	22.11	17.63	−16	55.30	0.16	+6
12	−13	9	13.2	22.24	17.59	−22	55.27	0.16	+3
13	−15	10	11.6	22.38	17.55	−24	55.24	0.16	−1

Tag	Sternzeit Greenwich	0h Welt-Zeit							
		t	f	log g*)	G*)	log h	H	log i	i
1927	h	s	s		h m		h m		″
Juni 13	17.4	0.4453	+0.295	0.2896	0 18.6	1.3103	12 33.1	0.1052_n	−1.274
14	17.4	0.4480	0.306	0.3049	0 17.6	1.3104	12 29.5	0.0569_n	1.140
15	17.5	0.4508	0.316	0.3197	0 16.6	1.3106	12 26.0	0.0022_n	1.005
16	17.6	0.4535	0.327	0.3340	0 15.5	1.3107	12 22.5	9.9395_n	0.870
17	17.6	0.4563	0.338	0.3479	0 14.5	1.3108	12 19.0	9.8663_n	0.735
18	17.7	0.4590	0.349	0.3614	0 13.5	1.3109	12 15.5	9.7782_n	0.600
19	17.7	0.4617	+0.360	0.3745	0 12.5	1.3110	12 12.0	9.6675_n	−0.465
20	17.8	0.4645	0.371	0.3872	0 11.4	1.3111	12 8.5	9.5172_n	0.329
21	17.9	0.4672	0.382	0.3996	0 10.4	1.3111	12 5.0	9.2856_n	0.193
22	17.9	0.4700	0.393	0.4116	0 9.4	1.3111	12 1.5	8.7634_n	−0.058
23	18.0	0.4727	0.403	0.4234	0 8.4	1.3111	11 58.0	8.8921	+0.078
24	18.1	0.4754	0.414	0.4349	0 7.4	1.3111	11 54.5	9.3304	0.214
25	18.1	0.4782	+0.425	0.4461	0 6.3	1.3111	11 51.0	9.5428	+0.349
26	18.2	0.4809	0.436	0.4570	0 5.3	1.3110	11 47.5	9.6848	0.484
27	18.3	0.4836	0.447	0.4676	0 4.3	1.3109	11 44.0	9.7917	0.619
28	18.3	0.4864	0.458	0.4779	0 3.3	1.3108	11 40.5	9.8774	0.754
29	18.4	0.4891	0.468	0.4880	0 2.3	1.3107	11 37.0	9.9489	0.889
30	18.5	0.4919	0.479	0.4978	0 1.3	1.3106	11 33.5	0.0103	1.024
Juli 1	18.5	0.4946	+0.490	0.5074	0 0.3	1.3104	11 30.0	0.0641	+1.159
2	18.6	0.4973	0.501	0.5168	23 59.4	1.3103	11 26.4	0.1116	1.293
3	18.7	0.5001	0.512	0.5260	23 58.4	1.3101	11 22.9	0.1541	1.426
4	18.7	0.5028	0.522	0.5349	23 57.4	1.3099	11 19.4	0.1928	1.559
5	18.8	0.5055	0.533	0.5436	23 56.4	1.3096	11 15.9	0.2284	1.692
6	18.9	0.5083	0.544	0.5522	23 55.4	1.3094	11 12.4	0.2610	1.824
7	18.9	0.5110	+0.554	0.5606	23 54.5	1.3091	11 8.8	0.2914	+1.956
8	19.0	0.5138	0.565	0.5688	23 53.5	1.3088	11 5.3	0.3197	2.088
9	19.1	0.5165	0.575	0.5768	23 52.6	1.3085	11 1.8	0.3462	2.219
10	19.1	0.5192	0.586	0.5847	23 51.6	1.3082	10 58.2	0.3709	2.349
11	19.2	0.5220	0.596	0.5924	23 50.7	1.3079	10 54.7	0.3941	2.478
12	19.3	0.5247	0.607	0.5999	23 49.7	1.3076	10 51.1	0.4161	2.607
13	19.3	0.5274	+0.617	0.6073	23 48.8	1.3072	10 47.6	0.4370	+2.735
14	19.4	0.5302	0.627	0.6145	23 47.8	1.3068	10 44.0	0.4567	2.862
15	19.5	0.5329	0.637	0.6216	23 46.9	1.3064	10 40.4	0.4755	2.989
16	19.5	0.5357	0.648	0.6285	23 46.0	1.3060	10 36.8	0.4935	3.115
17	19.6	0.5384	0.658	0.6353	23 45.0	1.3056	10 33.2	0.5104	3.239
18	19.7	0.5411	0.668	0.6420	23 44.1	1.3052	10 29.7	0.5267	3.363
19	19.7	0.5439	+0.678	0.6485	23 43.2	1.3047	10 26.1	0.5425	+3.487
20	19.8	0.5466	0.688	0.6549	23 42.3	1.3043	10 22.5	0.5574	3.609
21	19.9	0.5493	0.697	0.6612	23 41.4	1.3038	10 18.8	0.5717	3.730
22	19.9	0.5521	0.707	0.6674	23 40.5	1.3033	10 15.2	0.5855	3.850
23	20.0	0.5548	0.717	0.6735	23 39.6	1.3028	10 11.6	0.5987	3.969
24	20.0	0.5576	+0.727	0.6794	23 38.7	1.3023	10 7.9	0.6114	+4.087

*) Ueber die Interpolation der Grössen *g* und *G* in den Monaten April, Mai und Juni siehe die Erläuterungen.

Tag		0h Welt-Zeit								
		f'	g'	G'	Allgemeine Präzession seit 1927.0	Δψ	Δψ'	Wahre Schiefe	Δε	Δε'
1927		in 0.001 s	in 0.01 "				in 0.01 "	23° 26'		in 0.01 "
Juni	13	−15	+10	11.6 h	+22.38 "	−17.55 "	−24	55.24 "	−0.16 "	− 1
	14	−13	10	10.1	22.52	17.51	−22	55.20	0.15	− 5
	15	−10	10	8.7	22.66	17.47	−16	55.17	0.15	− 8
	16	− 4	10	7.1	22.79	17.43	− 7	55.16	0.15	− 9
	17	+ 2	9	5.5	22.93	17.39	+ 3	55.17	0.14	− 9
	18	+ 7	8	3.7	23.07	17.35	+12	55.20	0.13	− 7
	19	+10	+ 7	1.4	+23.21	−17.31	+17	55.24	−0.13	− 3
	20	+11	7	23.0	23.34	17.27	+18	55.29	0.12	+ 2
	21	+ 8	8	20.8	23.48	17.23	+14	55.34	0.11	+ 6
	22	+ 3	9	18.9	23.62	17.19	+ 6	55.38	0.11	+ 9
	23	− 3	10	17.3	23.76	17.15	− 4	55.39	0.10	+10
	24	− 8	10	15.7	23.89	17.11	−14	55.38	0.09	+ 8
	25	−12	+ 9	14.0	+24.03	−17.07	−19	55.35	−0.08	+ 4
	26	−12	8	11.9	24.17	17.03	−19	55.32	0.07	0
	27	− 9	8	9.5	24.31	16.99	−15	55.28	0.06	− 5
	28	− 4	8	7.3	24.45	16.95	− 7	55.26	0.04	− 8
	29	+ 2	9	5.4	24.58	16.91	+ 4	55.26	0.03	− 9
	30	+ 8	10	3.8	24.72	16.87	+14	55.28	−0.02	− 8
Juli	1	+13	+10	2.4	+24.86	−16.83	+21	55.31	0.00	− 6
	2	+15	10	0.9	25.00	16.79	+25	55.36	+0.01	− 2
	3	+15	10	23.6	25.13	16.76	+24	55.41	0.02	+ 1
	4	+12	9	22.0	25.27	16.72	+20	55.46	0.04	+ 5
	5	+ 8	9	20.3	25.41	16.68	+13	55.50	0.05	+ 7
	6	+ 2	9	18.7	25.55	16.65	+ 4	55.53	0.07	+ 8
	7	− 3	+ 9	17.0	+25.68	−16.61	− 5	55.54	+0.09	+ 8
	8	− 9	9	15.3	25.82	16.57	−14	55.54	0.10	+ 7
	9	−13	9	13.7	25.96	16.54	−21	55.53	0.12	+ 4
	10	−15	10	12.1	26.10	16.51	−24	55.51	0.14	0
	11	−14	10	10.6	26.23	16.47	−24	55.49	0.16	− 3
	12	−12	10	9.2	26.37	16.44	−19	55.47	0.18	− 7
	13	− 7	+10	7.7	+26.51	−16.41	−11	55.47	+0.20	− 9
	14	0	9	6.1	26.65	16.38	− 1	55.49	0.22	− 9
	15	+ 6	8	4.3	26.78	16.35	+ 9	55.52	0.24	− 8
	16	+10	8	2.1	26.92	16.32	+16	55.58	0.26	− 4
	17	+12	8	23.8	27.06	16.29	+19	55.64	0.28	0
	18	+10	8	21.6	27.20	16.26	+17	55.71	0.30	+ 5
	19	+ 6	+ 9	19.7	+27.33	−16.24	+10	55.77	+0.33	+ 8
	20	0	10	18.0	27.47	16.21	0	55.80	0.35	+10
	21	− 6	10	16.5	27.61	16.19	− 9	55.81	0.37	+ 9
	22	−10	9	14.8	27.75	16.17	−16	55.81	0.39	+ 6
	23	−11	8	12.6	27.89	16.15	−19	55.78	0.42	+ 1
	24	−10	7	10.3	28.02	16.13	−16	55.76	0.44	− 3

Tag	Sternzeit Greenwich	0h Welt-Zeit							
		t	f	log g	G	log h	H	log i	i
1927	h	s	s		h m		h m		″
Juli 24	20.0	0.5576	+0.727	0.6794	23 38.7	1.3023	10 7.9	0.6114	+4.087
25	20.1	0.5603	0.736	0.6853	23 37.9	1.3018	10 4.3	0.6237	4.204
26	20.2	0.5630	0.746	0.6910	23 37.0	1.3012	10 0.6	0.6354	4.319
27	20.2	0.5658	0.755	0.6966	23 36.1	1.3007	9 56.9	0.6468	4.434
28	20.3	0.5685	0.765	0.7021	23 35.3	1.3001	9 53.3	0.6577	4.547
29	20.4	0.5713	0.774	0.7075	23 34.4	1.2996	9 49.6	0.6683	4.659
30	20.4	0.5740	+0.783	0.7128	23 33.6	1.2990	9 45.9	0.6785	+4.770
31	20.5	0.5767	0.792	0.7180	23 32.7	1.2984	9 42.1	0.6884	4.880
Aug. 1	20.6	0.5795	0.801	0.7231	23 31.9	1.2978	9 38.4	0.6979	4.988
2	20.6	0.5822	0.810	0.7281	23 31.1	1.2972	9 34.7	0.7071	5.095
3	20.7	0.5849	0.819	0.7330	23 30.3	1.2966	9 30.9	0.7160	5.200
4	20.8	0.5877	0.828	0.7378	23 29.5	1.2960	9 27.2	0.7246	5.304
5	20.8	0.5904	+0.837	0.7425	23 28.8	1.2954	9 23.4	0.7330	+5.407
6	20.9	0.5932	0.845	0.7471	23 28.0	1.2948	9 19.6	0.7410	5.508
7	21.0	0.5959	0.854	0.7517	23 27.3	1.2942	9 15.8	0.7487	5.607
8	21.0	0.5986	0.862	0.7562	23 26.5	1.2936	9 12.0	0.7563	5.705
9	21.1	0.6014	0.871	0.7606	23 25.8	1.2929	9 8.2	0.7636	5.802
10	21.2	0.6041	0.879	0.7649	23 25.1	1.2923	9 4.3	0.7706	5.897
11	21.2	0.6068	+0.887	0.7691	23 24.4	1.2917	9 0.5	0.7774	+5.990
12	21.3	0.6096	0.895	0.7733	23 23.7	1.2910	8 56.6	0.7840	6.082
13	21.4	0.6123	0.903	0.7774	23 23.0	1.2904	8 52.8	0.7904	6.172
14	21.4	0.6151	0.911	0.7814	23 22.4	1.2898	8 48.9	0.7966	6.260
15	21.5	0.6178	0.919	0.7854	23 21.7	1.2892	8 45.0	0.8025	6.346
16	21.6	0.6205	0.927	0.7893	23 21.1	1.2885	8 41.1	0.8083	6.431
17	21.6	0.6233	+0.935	0.7931	23 20.4	1.2879	8 37.2	0.8138	+6.514
18	21.7	0.6260	0.942	0.7968	23 19.8	1.2873	8 33.2	0.8192	6.595
19	21.8	0.6287	0.950	0.8004	23 19.2	1.2867	8 29.3	0.8244	6.674
21	21.8	0.6315	0.957	0.8040	23 18.6	1.2861	8 25.3	0.8294	6.752
20	21.9	0.6342	0.965	0.8075	23 18.0	1.2855	8 21.4	0.8343	6.828
22	22.0	0.6370	0.972	0.8110	23 17.5	1.2849	8 17.4	0.8389	6.901
23	22.0	0.6397	+0.979	0.8144	23 16.9	1.2843	8 13.4	0.8434	+6.973
24	22.1	0.6424	0.987	0.8178	23 16.4	1.2837	8 9.4	0.8478	7.043
25	22.2	0.6452	0.994	0.8211	23 15.9	1.2832	8 5.4	0.8519	7.111
26	22.2	0.6479	1.001	0.8244	23 15.4	1.2826	8 1.3	0.8559	7.177
27	22.3	0.6507	1.008	0.8276	23 14.9	1.2821	7 57.3	0.8598	7.241
28	22.3	0.6534	1.015	0.8307	23 14.4	1.2816	7 53.2	0.8634	7.302
29	22.4	0.6561	+1.022	0.8338	23 14.0	1.2810	7 49.2	0.8670	+7.362
30	22.5	0.6589	1.028	0.8368	23 13.6	1.2805	7 45.1	0.8704	7.420
31	22.5	0.6616	1.035	0.8398	23 13.1	1.2800	7 41.0	0.8737	7.476
Sept. 1	22.6	0.6643	1.042	0.8427	23 12.7	1.2795	7 36.9	0.8768	7.530
2	22.7	0.6671	1.048	0.8456	23 12.3	1.2791	7 32.8	0.8797	7.581
3	22.7	0.6698	+1.055	0.8485	23 12.0	1.2786	7 28.7	0.8825	+7.630

Tag		0h Welt-Zeit								
		f'	g'	G'	Allgemeine Präzession seit 1927.0	Δψ	Δψ'	Wahre Schiefe	Δε	Δε'
1927		in 0.s001	in 0."01				in 0."01	23° 26′		in 0."01
Juli	24	−10	+ 7	10.h3	+28."02	−16."13	−16	55."76	+0."44	− 3
	25	− 6	8	7.9	28.16	16.11	− 9	55.75	0.47	− 7
	26	0	9	5.9	28.30	16.09	0	55.75	0.49	− 9
	27	+ 6	10	4.3	28.44	16.07	+10	55.77	0.52	− 9
	28	+11	10	2.9	28.57	16.06	+19	55.82	0.54	− 7
	29	+14	10	1.4	28.71	16.04	+24	55.87	0.57	− 4
	30	+15	+10	0.0	+28.85	−16.03	+24	55.94	+0.59	0
	31	+13	9	22.4	28.99	16.02	+21	56.00	0.62	+ 4
Aug.	1	+ 9	9	20.8	29.12	16.01	+15	56.05	0.65	+ 7
	2	+ 4	8	19.1	29.26	16.00	+ 6	56.09	0.67	+ 8
	3	− 2	8	17.4	29.40	15.99	− 3	56.12	0.70	+ 8
	4	− 7	9	15.7	29.54	15.98	−12	56.13	0.72	+ 7
	5	−12	+ 9	14.1	+29.67	−15.98	−20	56.13	+0.75	+ 5
	6	−15	10	12.6	29.81	15.97	−24	56.13	0.78	+ 1
	7	−15	10	11.1	29.95	15.97	−25	56.11	0.80	− 2
	8	−13	10	9.7	30.09	15.97	−22	56.10	0.83	− 6
	9	− 9	10	8.3	30.22	15.97	−15	56.10	0.86	− 9
	10	− 3	10	6.8	30.36	15.97	− 5	56.12	0.88	−10
	11	+ 3	+ 9	5.1	+30.50	−15.98	+ 5	56.15	+0.91	− 8
	12	+ 8	8	3.1	30.64	15.98	+13	56.21	0.94	− 5
	13	+11	7	0.6	30.77	15.99	+18	56.28	0.96	− 1
	14	+11	8	22.2	30.91	15.99	+18	56.35	0.99	+ 3
	15	+ 8	9	20.2	31.05	16.00	+13	56.41	1.01	+ 7
	16	+ 2	10	18.6	31.19	16.01	+ 4	56.46	1.04	+10
	17	− 3	+10	17.2	+31.33	−16.02	− 5	56.48	+1.07	+ 9
	18	− 8	9	15.5	31.46	16.04	−13	56.48	1.09	+ 7
	19	−11	7	13.5	31.60	16.05	−17	56.46	1.12	+ 3
	20	−10	7	11.0	31.74	16.07	−16	56.44	1.14	− 2
	21	− 6	7	8.4	31.88	16.08	−11	56.43	1.17	− 6
	22	− 1	9	6.3	32.01	16.10	− 2	56.42	1.19	− 9
	23	+ 5	+10	4.7	+32.15	−16.12	+ 8	56.44	+1.22	− 9
	24	+11	10	3.3	32.29	16.14	+17	56.47	1.24	− 8
	25	+14	10	1.9	32.43	16.16	+23	56.53	1.27	− 5
	26	+15	10	0.4	32.56	16.18	+25	56.59	1.29	− 1
	27	+14	10	22.9	32.70	16.21	+23	56.65	1.31	+ 3
	28	+11	9	21.3	32.84	16.23	+17	56.70	1.34	+ 6
	29	+ 6	+ 9	19.7	+32.98	−16.26	+ 9	56.74	+1.36	+ 8
	30	0	9	18.0	33.11	16.28	0	56.77	1.38	+ 8
	31	− 6	9	16.3	33.25	16.31	− 9	56.78	1.40	+ 8
Sept.	1	−11	9	14.6	33.39	16.34	−17	56.78	1.43	+ 6
	2	−14	9	13.0	33.53	16.37	−23	56.77	1.45	+ 2
	3	−15	10	11.6	33.66	16.40	−25	56.75	1.47	− 1

Tag		Sternzeit Greenwich	0ʰ Welt-Zeit							
			t	f	log g	G	log h	H	log i	i
1927		h	s	s		h m		h m		"
Sept.	3	22.7	0.6698	+1.055	0.8485	23 12.0	1.2786	7 28.7	0.8825	+7.630
	4	22.8	0.6726	1.061	0.8513	23 11.6	1.2782	7 24.5	0.8852	7.677
	5	22.9	0.6753	1.067	0.8540	23 11.3	1.2778	7 20.4	0.8877	7.722
	6	22.9	0.6780	1.074	0.8567	23 10.9	1.2774	7 16.2	0.8901	7.765
	7	23.0	0.6808	1.080	0.8593	23 10.6	1.2770	7 12.1	0.8924	7.806
	8	23.1	0.6835	1.086	0.8619	23 10.3	1.2766	7 7.9	0.8945	7.844
	9	23.1	0.6862	+1.093	0.8645	23 10.1	1.2763	7 3.7	0.8965	+7.880
	10	23.2	0.6890	1.099	0.8671	23 9.8	1.2760	6 59.5	0.8983	7.913
	11	23.3	0.6917	1.105	0.8696	23 9.6	1.2757	6 55.3	0.9001	7.945
	12	23.3	0.6945	1.111	0.8721	23 9.4	1.2754	6 51.1	0.9017	7.975
	13	23.4	0.6972	1.117	0.8745	23 9.2	1.2751	6 46.9	0.9032	8.002
	14	23.5	0.6999	1.123	0.8769	23 9.1	1.2748	6 42.7	0.9046	8.027
	15	23.5	0.7027	+1.129	0.8793	23 8.9	1.2746	6 38.5	0.9057	+8.049
	16	23.6	0.7054	1.135	0.8816	23 8.8	1.2744	6 34.2	0.9068	8.069
	17	23.7	0.7081	1.141	0.8840	23 8.7	1.2743	6 30.0	0.9078	8.087
	18	23.7	0.7109	1.147	0.8863	23 8.6	1.2741	6 25.7	0.9086	8.102
	19	23.8	0.7136	1.153	0.8886	23 8.5	1.2740	6 21.5	0.9093	8.115
	20	23.9	0.7164	1.159	0.8908	23 8.4	1.2739	6 17.2	0.9099	8.126
	21	23.9	0.7191	+1.165	0.8930	23 8.3	1.2738	6 13.0	0.9103	+8.134
	22	0.0	0.7218	1.171	0.8952	23 8.3	1.2737	6 8.7	0.9106	8.140
	23	0.1	0.7246	1.177	0.8974	23 8.3	1.2737	6 4.5	0.9108	8.144
	24	0.1	0.7273	1.183	0.8995	23 8.3	1.2737	6 0.2	0.9109	8.146
	25	0.2	0.7301	1.188	0.9017	23 8.3	1.2737	5 55.9	0.9109	8.145
	26	0.3	0.7328	1.194	0.9038	23 8.4	1.2737	5 51.6	0.9107	8.141
	27	0.3	0.7355	+1.200	0.9058	23 8.4	1.2738	5 47.4	0.9103	+8.134
	28	0.4	0.7383	1.206	0.9079	23 8.5	1.2739	5 43.1	0.9099	8.126
	29	0.5	0.7410	1.212	0.9100	23 8.6	1.2740	5 38.8	0.9093	8.116
	30	0.5	0.7437	1.218	0.9121	23 8.7	1.2741	5 34.5	0.9086	8.103
Okt.	1	0.6	0.7465	1.224	0.9142	23 8.8	1.2743	5 30.3	0.9078	8.088
	2	0.6	0.7492	1.230	0.9163	23 9.0	1.2744	5 26.0	0.9069	8.070
	3	0.7	0.7520	+1.236	0.9183	23 9.1	1.2746	5 21.7	0.9058	+8.050
	4	0.8	0.7547	1.242	0.9204	23 9.3	1.2748	5 17.4	0.9046	8.027
	5	0.8	0.7574	1.248	0.9224	23 9.5	1.2751	5 13.2	0.9032	8.002
	6	0.9	0.7602	1.254	0.9243	23 9.7	1.2754	5 8.9	0.9017	7.975
	7	1.0	0.7629	1.260	0.9263	23 10.0	1.2757	5 4.6	0.9001	7.945
	8	1.0	0.7656	1.266	0.9283	23 10.2	1.2760	5 0.4	0.8983	7.913
	9	1.1	0.7684	+1.273	0.9304	23 10.5	1.2763	4 56.1	0.8964	+7.878
	10	1.2	0.7711	1.279	0.9324	23 10.7	1.2767	4 51.9	0.8944	7.841
	11	1.2	0.7739	1.285	0.9344	23 11.0	1.2770	4 47.6	0.8922	7.802
	12	1.3	0.7766	1.292	0.9365	23 11.3	1.2774	4 43.4	0.8899	7.761
	13	1.4	0.7793	1.298	0.9385	23 11.6	1.2778	4 39.1	0.8874	7.717
	14	1.4	0.7821	+1.305	0.9405	23 12.0	1.2782	4 34.9	0.8849	+7.671

Tag		0ʰ Welt-Zeit								
		f'	g'	G'	Allgemeine Präzession seit 1927.0	$\Delta\psi$	$\Delta\psi'$	Wahre Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$
1927		in 0.001 ˢ	in 0.01 ″				in 0.01 ″	23° 26′		in 0.01 ″
Sept.	3	−15	+10	11.6 ʰ	+33.66 ″	−16.40 ″	−25	56.75 ″	+1.47 ″	− 1
	4	−14	11	10.2	33.80	16.43	−24	56.73	1.49	− 5
	5	−11	11	8.8	33.94	16.47	−18	56.72	1.51	− 8
	6	− 6	10	7.4	34.08	16.50	− 9	56.72	1.53	−10
	7	0	9	6.0	34.22	16.54	0	56.75	1.55	− 9
	8	+ 6	8	4.1	34.35	16.57	+ 9	56.79	1.56	− 7
	9	+ 9	+ 7	1.6	+34.49	−16.61	+15	56.84	+1.58	− 3
	10	+10	7	22.9	34.63	16.64	+17	56.91	1.60	+ 2
	11	+ 8	8	20.7	34.77	16.68	+13	56.96	1.61	+ 6
	12	+ 4	9	19.0	34.90	16.72	+ 6	57.01	1.63	+ 9
	13	− 2	10	17.5	35.04	16.76	− 3	57.03	1.65	+10
	14	− 7	9	16.0	35.18	16.80	−11	57.02	1.66	+ 8
	15	−10	+ 8	14.2	+35.32	−16.84	−17	57.00	+1.67	+ 4
	16	−10	7	11.9	35.45	16.88	−17	56.97	1.69	0
	17	− 8	7	9.1	35.59	16.92	−12	56.93	1.70	− 5
	18	− 2	8	6.7	35.73	16.96	− 4	56.91	1.71	− 8
	19	+ 4	10	5.0	35.87	17.00	+ 6	56.91	1.73	− 9
	20	+10	11	3.5	36.00	17.04	+16	56.93	1.74	− 8
	21	+14	+11	2.2	+36.14	−17.08	+23	56.96	+1.75	− 6
	22	+16	11	0.9	36.28	17.12	+26	57.01	1.76	− 2
	23	+16	10	23.4	36.42	17.16	+26	57.05	1.77	+ 2
	24	+12	10	21.9	36.55	17.20	+20	57.09	1.77	+ 5
	25	+ 8	9	20.3	36.69	17.24	+13	57.13	1.78	+ 7
	26	+ 2	9	18.6	36.83	17.28	+ 3	57.14	1.79	+ 9
	27	− 4	+ 8	16.9	+36.97	−17.33	− 6	57.14	+1.80	+ 8
	28	− 9	9	15.2	37.10	17.37	−15	57.13	1.80	+ 6
	29	−13	9	13.6	37.24	17.41	−21	57.11	1.81	+ 4
	30	−15	10	12.0	37.38	17.45	−24	57.08	1.81	0
Okt.	1	−14	10	10.5	37.52	17.49	−24	57.04	1.82	− 4
	2	−12	10	9.2	37.66	17.53	−20	57.01	1.82	− 7
	3	− 7	+10	7.9	+37.79	−17.57	−12	56.99	+1.82	− 9
	4	− 2	9	6.5	37.93	17.61	− 3	56.99	1.83	− 9
	5	+ 3	8	4.9	38.07	17.65	+ 6	57.01	1.83	− 8
	6	+ 8	7	2.7	38.21	17.68	+12	57.04	1.83	− 4
	7	+ 9	6	23.7	38.34	17.72	+15	57.09	1.83	0
	8	+ 8	7	21.1	38.48	17.76	+13	57.13	1.83	+ 5
	9	+ 4	+ 9	19.2	+38.62	−17.79	+ 7	57.16	+1.83	+ 8
	10	− 1	10	17.7	38.76	17.83	− 2	57.18	1.82	+10
	11	− 7	10	16.3	38.89	17.86	−11	57.16	1.82	+ 9
	12	−11	9	14.7	39.03	17.89	−17	57.13	1.82	+ 6
	13	−12	8	12.7	39.17	17.93	−19	57.08	1.82	+ 1
	14	− 9	7	10.1	39.31	17.96	−15	57.03	1.81	− 3

Tag	Sternzeit Greenwich	0h Welt-Zeit t	f	log g	G	log h	H	log i	i
1927									
	h	n	s		h m		h m		"
Okt. 14	1.4	0.7821	+1.305	0.9405	23 12.0	1.2782	4 34.9	0.8849	+7.671
15	1.5	0.7848	1.311	0.9426	23 12.3	1.2787	4 30.7	0.8821	7.622
16	1.6	0.7875	1.318	0.9446	23 12.7	1.2792	4 26.5	0.8792	7.571
17	1.6	0.7903	1.325	0.9467	23 13.0	1.2796	4 22.2	0.8761	7.518
18	1.7	0.7930	1.331	0.9488	23 13.4	1.2801	4 18.0	0.8729	7.463
19	1.8	0.7958	1.338	0.9509	23 13.8	1.2806	4 13.8	0.8695	7.405
20	1.8	0.7985	+1.345	0.9529	23 14.2	1.2812	4 9.6	0.8660	+7.345
21	1.9	0.8012	1.352	0.9550	23 14.6	1.2817	4 5.5	0.8623	7.283
22	2.0	0.8040	1.359	0.9571	23 15.0	1.2823	4 1.3	0.8585	7.219
23	2.0	0.8067	1.366	0.9592	23 15.4	1.2828	3 57.1	0.8544	7.152
24	2.1	0.8095	1.373	0.9613	23 15.8	1.2834	3 53.0	0.8502	7.083
25	2.2	0.8122	1.381	0.9635	23 16.3	1.2840	3 48.8	0.8458	7.012
26	2.2	0.8149	+1.388	0.9656	23 16.7	1.2846	3 44.7	0.8413	+6.939
27	2.3	0.8177	1.396	0.9678	23 17.2	1.2852	3 40.5	0.8366	6.864
28	2.4	0.8204	1.403	0.9699	23 17.6	1.2858	3 36.4	0.8316	6.786
29	2.4	0.8231	1.411	0.9721	23 18.1	1.2865	3 32.3	0.8265	6.706
30	2.5	0.8259	1.419	0.9743	23 18.5	1.2871	3 28.2	0.8212	6.625
31	2.6	0.8286	1.426	0.9766	23 19.0	1.2877	3 24.1	0.8157	6.542
Nov. 1	2.6	0.8314	+1.434	0.9788	23 19.4	1.2884	3 20.0	0.8100	+6.456
2	2.7	0.8341	1.442	0.9811	23 19.9	1.2890	3 16.0	0.8040	6.368
3	2.8	0.8368	1.450	0.9834	23 20.4	1.2897	3 11.9	0.7978	6.278
4	2.8	0.8396	1.459	0.9857	23 20.9	1.2903	3 7.9	0.7914	6.186
5	2.9	0.8423	1.467	0.9880	23 21.4	1.2910	3 3.8	0.7848	6.093
6	2.9	0.8450	1.476	0.9904	23 21.8	1.2916	2 59.8	0.7780	5.998
7	3.0	0.8478	+1.484	0.9927	23 22.3	1.2923	2 55.8	0.7709	+5.900
8	3.1	0.8505	1.493	0.9951	23 22.8	1.2929	2 51.7	0.7634	5.800
9	3.1	0.8533	1.501	0.9974	23 23.2	1.2936	2 47.7	0.7558	5.699
10	3.2	0.8560	1.510	0.9998	23 23.7	1.2942	2 43.7	0.7479	5.596
11	3.3	0.8587	1.519	1.0022	23 24.1	1.2949	2 39.8	0.7397	5.491
12	3.3	0.8615	1.528	1.0047	23 24.6	1.2955	2 35.8	0.7312	5.385
13	3.4	0.8642	+1.537	1.0071	23 25.0	1.2962	2 31.8	0.7224	+5.277
14	3.5	0.8669	1.547	1.0096	23 25.5	1.2968	2 27.9	0.7132	5.167
15	3.5	0.8697	1.556	1.0120	23 25.9	1.2974	2 23.9	0.7037	5.055
16	3.6	0.8724	1.565	1.0145	23 26.3	1.2981	2 20.0	0.6939	4.942
17	3.7	0.8752	1.575	1.0170	23 26.8	1.2987	2 16.1	0.6838	4.828
18	3.7	0.8779	1.584	1.0196	23 27.2	1.2993	2 12.2	0.6732	4.712
19	3.8	0.8806	+1.594	1.0221	23 27.6	1.2999	2 8.3	0.6622	+4.594
20	3.9	0.8834	1.604	1.0247	23 28.0	1.3005	2 4.4	0.6508	4.475
21	3.9	0.8861	1.614	1.0272	23 28.4	1.3011	2 0.5	0.6389	4.354
22	4.0	0.8889	1.624	1.0298	23 28.8	1.3016	1 56.6	0.6265	4.232
23	4.1	0.8916	1.634	1.0324	23 29.2	1.3022	1 52.7	0.6137	4.109
24	4.1	0.8943	+1.644	1.0349	23 29.6	1.3027	1 48.9	0.6003	+3.984

Tag	f'	g'	G'	Allgemeine Präzession seit 1927.0	$\Delta\psi$	$\Delta\psi'$	Wahre Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$
	0h Welt-Zeit								
1927	in 0.001 (s)	in 0.01 (″)				in 0.01 (″)	23° 26′		in 0.01 (″)
Okt. 14	− 9	+ 7	10.1 h	+39.31″	−17.96″	−15	57.03″	+1.81″	− 3
15	− 4	8	7.5	39.44	17.99	− 7	56.98	1.81	− 7
16	+ 2	9	5.5	39.58	18.02	+ 3	56.96	1.80	− 9
17	+ 8	11	3.9	39.72	18.05	+14	56.95	1.80	− 9
18	+14	11	2.5	39.86	18.07	+23	56.96	1.79	− 7
19	+17	11	1.2	39.99	18.10	+27	56.99	1.79	− 4
20	+17	+11	23.9	+40.13	−18.12	+28	57.02	+1.78	0
21	+15	10	22.5	40.27	18.15	+24	57.05	1.78	+ 4
22	+10	10	20.9	40.41	18.17	+17	57.07	1.77	+ 7
23	+ 5	9	19.3	40.55	18.19	+ 7	57.08	1.76	+ 8
24	− 1	8	17.6	40.68	18.21	− 2	57.07	1.75	+ 8
25	− 7	8	15.8	40.82	18.23	−11	57.04	1.74	+ 7
26	−11	+ 9	14.1	+40.96	−18.25	−18	57.01	+1.73	+ 5
27	−14	9	12.5	41.10	18.26	−23	56.96	1.72	+ 1
28	−14	10	10.9	41.23	18.28	−23	56.91	1.72	− 3
29	−12	10	9.5	41.37	18.29	−20	56.87	1.71	− 6
30	− 8	10	8.1	41.51	18.30	−14	56.83	1.70	− 9
31	− 3	10	6.8	41.65	18.31	− 5	56.81	1.69	− 9
Nov. 1	+ 2	+ 8	5.3	+41.78	−18.32	+ 4	56.81	+1.68	− 8
2	+ 7	7	3.4	41.92	18.32	+11	56.83	1.67	− 5
3	+ 9	6	0.7	42.06	18.33	+15	56.86	1.65	− 1
4	+ 8	7	21.7	42.20	18.33	+14	56.90	1.64	+ 4
5	+ 5	8	19.5	42.33	18.33	+ 8	56.92	1.63	+ 7
6	0	10	17.8	42.47	18.33	− 1	56.93	1.62	+10
7	− 6	+10	16.5	+42.61	−18.33	−10	56.92	+1.61	+10
8	−11	10	15.1	42.75	18.33	−18	56.88	1.60	+ 7
9	−13	9	13.3	42.88	18.32	−21	56.83	1.59	+ 3
10	−12	8	11.1	43.02	18.31	−19	56.77	1.58	− 2
11	− 7	8	8.5	43.16	18.31	−12	56.71	1.57	− 6
12	− 1	9	6.3	43.30	18.30	− 2	56.67	1.55	− 9
13	+ 6	+10	4.6	+43.43	−18.28	+10	56.65	+1.54	−10
14	+12	11	3.0	43.57	18.27	+20	56.66	1.53	− 8
15	+16	12	1.7	43.71	18.26	+26	56.68	1.52	− 5
16	+17	11	0.3	43.85	18.24	+28	56.71	1.51	− 1
17	+16	11	22.9	43.99	18.22	+26	56.73	1.50	+ 3
18	+12	10	21.5	44.12	18.20	+20	56.75	1.49	+ 6
19	+ 7	+ 9	19.9	+44.26	−18.18	+11	56.76	+1.48	+ 8
20	+ 1	9	18.3	44.40	18.16	+ 2	56.76	1.47	+ 9
21	− 5	8	16.5	44.54	18.14	− 8	56.73	1.46	+ 8
22	− 9	8	14.8	44.67	18.11	−15	56.70	1.45	+ 5
23	−13	8	13.0	44.81	18.08	−21	56.66	1.44	+ 2
24	−14	9	11.4	44.95	18.06	−22	56.61	1.44	− 1

Tag	Sternzeit Greenwich	0h Welt-Zeit							
		t	f	log g	G	log h	H	log i	i
1927									
Nov. 24	h 4.1	0.8943	s +1.644	1.0349	h m 23 29.6	1.3027	h m 1 48.9	0.6003	" +3.984
25	4.2	0.8971	1.654	1.0375	23 29.9	1.3033	1 45.0	0.5864	3.858
26	4.3	0.8998	1.664	1.0402	23 30.2	1.3038	1 41.2	0.5717	3.730
27	4.3	0.9025	1.675	1.0428	23 30.6	1.3043	1 37.3	0.5565	3.602
28	4.4	0.9053	1.685	1.0454	23 30.9	1.3048	1 33.5	0.5407	3.473
29	4.5	0.9080	1.696	1.0481	23 31.2	1.3053	1 29.7	0.5240	3.342
30	4.5	0.9108	+1.706	1.0507	23 31.5	1.3057	1 25.9	0.5065	+3.210
Dez. 1	4.6	0.9135	1.717	1.0533	23 31.8	1.3062	1 22.1	0.4881	3.077
2	4.7	0.9162	1.728	1.0560	23 32.1	1.3066	1 18.3	0.4688	2.943
3	4.7	0.9190	1.738	1.0586	23 32.3	1.3070	1 14.5	0.4484	2.808
4	4.8	0.9217	1.749	1.0613	23 32.6	1.3074	1 10.7	0.4268	2.672
5	4.9	0.9244	1.760	1.0639	23 32.8	1.3078	1 6.9	0.4040	2.535
6	4.9	0.9272	+1.771	1.0665	23 33.0	1.3081	1 3.1	0.3798	+2.398
7	5.0	0.9299	1.783	1.0692	23 33.2	1.3085	0 59.3	0.3541	2.260
8	5.1	0.9327	1.794	1.0719	23 33.4	1.3088	0 55.6	0.3263	2.120
9	5.1	0.9354	1.805	1.0746	23 33.6	1.3091	0 51.8	0.2967	1.980
10	5.2	0.9381	1.816	1.0772	23 33.8	1.3094	0 48.1	0.2648	1.840
11	5.2	0.9409	1.827	1.0799	23 34.0	1.3096	0 44.3	0.2304	1.700
12	5.3	0.9436	+1.839	1.0825	23 34.1	1.3099	0 40.5	0.1926	+1.558
13	5.4	0.9463	1.850	1.0851	23 34.3	1.3101	0 36.8	0.1508	1.415
14	5.4	0.9491	1.861	1.0877	23 34.4	1.3103	0 33.0	0.1045	1.272
15	5.5	0.9518	1.873	1.0903	23 34.5	1.3104	0 29.3	0.0527	1.129
16	5.6	0.9546	1.884	1.0930	23 34.6	1.3106	0 25.5	9.9939	0.986
17	5.6	0.9573	1.896	1.0956	23 34.7	1.3107	0 21.8	9.9258	0.843
18	5.7	0.9600	+1.907	1.0982	23 34.7	1.3109	0 18.1	9.8445	+0.699
19	5.8	0.9628	1.919	1.1009	23 34.8	1.3110	0 14.3	9.7443	0.555
20	5.8	0.9655	1.931	1.1035	23 34.8	1.3110	0 10.6	9.6128	0.410
21	5.9	0.9683	1.942	1.1061	23 34.8	1.3111	0 6.8	9.4232	0.265
22	6.0	0.9710	1.954	1.1086	23 34.8	1.3111	0 3.1	9.0792	+0.120
23	6.0	0.9737	1.965	1.1112	23 34.8	1.3111	23 59.4	8.3802_n	−0.024
24	6.1	0.9765	+1.977	1.1137	23 34.8	1.3111	23 55.6	9.2279_n	−0.169
25	6.2	0.9792	1.988	1.1162	23 34.8	1.3111	23 51.9	9.4969_n	0.314
26	6.2	0.9819	2.000	1.1187	23 34.7	1.3110	23 48.1	9.6618_n	0.459
27	6.3	0.9847	2.011	1.1213	23 34.7	1.3109	23 44.4	9.7803_n	0.603
28	6.4	0.9874	2.023	1.1238	23 34.6	1.3108	23 40.7	9.8733_n	0.747
29	6.4	0.9902	2.034	1.1262	23 34.6	1.3107	23 36.9	9.9499_n	0.891
30	6.5	0.9929	+2.046	1.1287	23 34.5	1.3106	23 33.2	0.0149_n	−1.035
31	6.6	0.9956	2.057	1.1311	23 34.4	1.3104	23 29.4	0.0715_n	1.179
32	6.6	0.9984	+2.069	1.1335	23 34.3	1.3102	23 25.7	0.1216_n	−1.323

Tag	0ʰ Welt-Zeit								
	f'	g'	G'	Allgemeine Präzession seit 1927.0	$\Delta\psi$	$\Delta\psi'$	Wahre Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$
1927	in 0.ˢ001	in 0.″01				in 0.″01	23° 26′		in 0.″01
Nov. 24	−14	+9	11.ʰ4	+44.″95	−18.″06	−22	56.″61	+1.″44	−1
25	−12	10	9.8	45.09	18.03	−20	56.57	1.43	−5
26	−9	10	8.4	45.22	17.99	−15	56.53	1.42	−8
27	−4	10	7.1	45.36	17.96	−7	56.51	1.41	−9
28	+1	9	5.6	45.50	17.93	+2	56.50	1.41	−9
29	+6	8	3.8	45.64	17.89	+10	56.52	1.40	−6
30	+9	+6	1.6	+45.77	−17.86	+15	56.55	+1.39	−3
Dez. 1	+9	6	22.7	45.91	17.82	+15	56.59	1.39	+2
2	+7	8	20.3	46.05	17.78	+11	56.63	1.38	+6
3	+1	9	18.4	46.19	17.74	+2	56.65	1.38	+9
4	−5	10	16.8	46.32	17.70	−8	56.65	1.37	+10
5	−10	10	15.4	46.46	17.66	−17	56.63	1.37	+8
6	−13	+10	13.8	+46.60	−17.62	−22	56.59	+1.37	+5
7	−14	9	11.9	46.74	17.57	−22	56.54	1.36	0
8	−10	8	9.6	46.87	17.53	−17	56.49	1.36	−5
9	−5	9	7.3	47.01	17.48	−7	56.45	1.36	−8
10	+2	10	5.4	47.15	17.43	+4	56.44	1.36	−10
11	+9	11	3.7	47.29	17.39	+15	56.45	1.36	−9
12	+14	+11	2.2	+47.43	−17.34	+24	56.47	+1.36	−6
13	+17	11	0.7	47.56	17.29	+28	56.51	1.36	−2
14	+17	11	23.4	47.70	17.24	+27	56.55	1.37	+2
15	+14	10	21.9	47.84	17.19	+22	56.59	1.37	+5
16	+9	10	20.4	47.98	17.14	+14	56.62	1.37	+8
17	+3	9	18.9	48.11	17.09	+5	56.63	1.38	+9
18	−3	+8	17.2	+48.25	−17.04	−5	56.63	+1.38	+8
19	−8	8	15.4	48.39	16.99	−13	56.61	1.39	+6
20	−11	8	13.6	48.53	16.94	−19	56.59	1.39	+3
21	−13	9	11.9	48.66	16.89	−22	56.56	1.40	0
22	−13	9	10.2	48.80	16.84	−21	56.52	1.41	−4
23	−10	10	8.8	48.94	16.79	−16	56.50	1.42	−7
24	−5	+10	7.4	+49.08	−16.73	−9	56.49	+1.43	−9
25	0	9	5.9	49.21	16.68	0	56.49	1.44	−9
26	+5	8	4.3	49.35	16.63	+9	56.52	1.45	−7
27	+9	7	2.2	49.49	16.58	+15	56.57	1.46	−4
28	+11	7	23.7	49.63	16.53	+17	56.62	1.47	0
29	+9	8	21.2	49.76	16.48	+14	56.68	1.48	+5
30	+4	+9	19.2	+49.90	−16.43	+7	56.72	+1.49	+8
31	−2	10	17.5	50.04	16.38	−3	56.75	1.51	+10
32	−8	10	16.0	50.18	16.33	−13	56.76	1.52	+9

Reduktionsgrößen 1927

für 12^h Sternzeit Greenwich

Welt-Zeit	t	A		A′	B		B′	C		D	
1927	s				″			″		″	
Jan. 0.225	−0.0031	−0.33580	360	−522	+1.573	15	+12	−2.873	329	+20.229	59
1.223	−0.0004	0.33220	359	−463	1.558	16	+51	3.202	327	20.170	65
2.220	+0.0024	0.32861	357	−318	1.542	16	+81	3.529	327	20.105	72
3.217	0.0051	0.32504	356	−115	1.526	17	+94	3.856	326	20.033	78
4.214	0.0078	0.32148	356	+103	1.509	18	+86	4.182	324	19.955	84
5.212	0.0106	0.31792	354	+286	1.491	18	+59	4.506	323	19.871	90
6.209	0.0133	−0.31438	352	+393	+1.473	19	+16	−4.829	321	+19.781	96
7.206	0.0160	0.31086	351	+396	1.454	19	−30	5.150	319	19.685	102
8.203	0.0188	0.30735	349	+303	1.435	20	−69	5.469	318	19.583	109
9.201	0.0215	0.30386	347	+136	1.415	21	−91	5.787	316	19.474	115
10.198	0.0242	0.30039	345	− 55	1.394	21	−91	6.103	314	19.359	121
11.195	0.0269	0.29694	343	−216	1.373	21	−69	6.417	312	19.238	127
12.193	0.0297	−0.29351	341	−308	+1.352	22	−31	−6.729	310	+19.111	133
13.190	0.0324	0.29010	338	−306	1.330	23	+11	7.039	308	18.978	139
14.187	0.0351	0.28672	336	−219	1.307	23	+51	7.347	305	18.839	145
15.184	0.0379	0.28336	333	− 66	1.284	24	+76	7.652	303	18.694	151
16.182	0.0406	0.28003	331	+109	1.260	24	+85	7.955	300	18.543	156
17.179	0.0433	0.27672	329	+270	1.236	24	+79	8.255	297	18.387	162
18.176	0.0461	−0.27343	326	+388	+1.212	25	+55	−8.552	295	+18.225	169
19.173	0.0488	0.27017	323	+440	1.187	26	+24	8.847	292	18.056	174
20.171	0.0515	0.26694	321	+420	1.161	26	−12	9.139	289	17.882	179
21.168	0.0543	0.26373	317	+336	1.135	26	−43	9.428	286	17.703	185
22.165	0.0570	0.26056	315	+200	1.109	26	−69	9.714	283	17.518	190
23.162	0.0597	0.25741	312	+ 25	1.083	26	−82	9.997	280	17.328	195
24.160	0.0624	−0.25429	308	−163	+1.057	27	−83	−10.277	277	+17.133	201
25.157	0.0652	0.25121	306	−336	1.030	27	−68	10.554	273	16.932	206
26.154	0.0679	0.24815	303	−472	1.003	28	−40	10.827	270	16.726	212
27.152	0.0706	0.24512	300	−536	0.975	28	− 4	11.097	266	16.514	217
28.149	0.0734	0.24212	297	−518	0.947	28	+36	11.363	263	16.297	221
29.146	0.0761	0.23915	293	−410	0.919	27	+71	11.626	259	16.076	226
30.143	0.0788	−0.23622	290	−231	+0.892	28	+91	−11.885	255	+15.850	232
31.141	0.0816	0.23332	287	− 12	0.864	28	+94	12.140	251	15.618	236
Febr. 1.138	0.0843	0.23045	284	+191	0.836	28	+73	12.391	247	15.382	241
2.135	0.0870	0.22761	281	+339	0.808	29	+35	12.638	243	15.141	246
3.132	0.0897	0.22480	278	+394	0.779	28	−11	12.881	240	14.895	250
4.130	0.0925	0.22202	275	+348	0.751	28	−55	13.121	235	14.645	255
5.127	0.0952	−0.21927	271	+216	+0.723	28	−85	−13.356	231	+14.390	259
6.124	0.0979	0.21656	268	+ 35	0.695	28	−94	13.587	226	14.131	263
7.122	0.1007	0.21388	265	−138	0.667	28	−82	13.813	222	13.868	268
8.119	0.1034	0.21123	262	−258	0.639	28	−49	14.035	218	13.600	272
9.116	0.1061	0.20861	258	−293	0.611	28	− 6	14.253	213	13.328	276
10.113	0.1089	0.20603		−238	0.583		+36	14.466		13.052	

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Welt-Zeit	t	A		A'	B		B'	C		D	
1927	s				″			″		″	
Febr. 10.113	0.1089	−0.20603	255	−238	+0.583	28	+36	−14.466	209	+13.052	280
11.111	0.1116	0.20348	253	−109	0.555	28	+69	14.675	204	12.772	284
12.108	0.1143	0.20095	250	+ 62	0.527	28	+86	14.879	199	12.488	287
13.105	0.1170	0.19845	246	+232	0.499	27	+85	15.078	195	12.201	291
14.102	0.1198	0.19599	243	+370	0.472	27	+67	15.273	190	11.910	294
15.100	0.1225	0.19356	240	+446	0.445	27	+37	15.463	185	11.616	298
16.097	0.1252	−0.19116	237	+451	+0.418	26	+ 2	−15.648	180	+11.318	301
17.094	0.1280	0.18879	235	+387	0.392	26	−33	15.828	175	11.017	305
18.092	0.1307	0.18644	232	+268	0.366	26	−61	16.003	170	10.712	308
19.089	0.1334	0.18412	230	+102	0.340	25	−78	16.173	165	10.404	310
20.086	0.1362	0.18182	227	− 83	0.315	25	−83	16.338	159	10.094	314
21.083	0.1389	0.17955	223	−269	0.290	24	−76	16.497	155	9.780	317
22.081	0.1416	−0.17732	221	−424	+0.266	24	−52	−16.652	149	+ 9.463	320
23.078	0.1444	0.17511	218	−522	0.242	24	−18	16.801	145	9.143	322
24.075	0.1471	0.17293	216	−543	0.218	24	+21	16.946	139	8.821	325
25.072	0.1498	0.17077	214	−478	0.194	23	+59	17.085	134	8.496	327
26.070	0.1525	0.16863	212	−330	0.171	22	+85	17.219	129	8.169	329
27.067	0.1553	0.16651	209	−131	0.149	22	+95	17.348	123	7.840	332
28.064	0.1580	−0.16442	207	+ 79	+0.127	21	+84	−17.471	118	+ 7.508	334
März 1.062	0.1607	0.16235	205	+251	0.106	21	+52	17.589	112	7.174	336
2.059	0.1635	0.16030	203	+346	0.085	20	+ 9	17.701	107	6.838	338
3.056	0.1662	0.15827	202	+345	0.065	20	−38	17.808	101	6.500	339
4.053	0.1689	0.15625	200	+249	0.045	19	−75	17.909	96	6.161	341
5.051	0.1717	0.15425	198	+ 90	0.026	18	−94	18.005	90	5.820	343
6.048	0.1744	−0.15227	196	− 86	+0.008	18	−91	−18.095	85	+ 5.477	345
7.045	0.1771	0.15031	195	−223	−0.010	17	−66	18.180	79	5.132	346
8.042	0.1798	0.14836	194	−289	0.027	17	−25	18.259	73	4.786	347
9.040	0.1826	0.14642	192	−259	0.044	16	+19	18.332	68	4.439	349
10.037	0.1853	0.14450	191	−150	0.060	16	+58	18.400	63	4.090	349
11.034	0.1880	0.14259	191	+ 14	0.076	15	+83	18.463	57	3.741	350
12.031	0.1908	−0.14068	190	+195	−0.091	14	+89	−18.520	51	+ 3.391	351
13.029	0.1935	0.13878	188	+352	0.105	14	+77	18.571	46	3.040	352
14.026	0.1962	0.13690	187	+453	0.119	13	+50	18.617	40	2.688	352
15.023	0.1990	0.13503	187	+485	0.132	12	+16	18.657	34	2.336	353
16.021	0.2017	0.13316	187	+443	0.144	12	−20	18.691	28	1.983	353
17.018	0.2044	0.13129	186	+339	0.156	11	−52	18.719	23	1.630	354
18.015	0.2072	−0.12943	186	+188	−0.167	10	−74	−18.742	18	+ 1.276	354
19.012	0.2099	0.12757	185	+ 5	0.177	10	−84	18.760	12	0.922	354
20.010	0.2126	0.12572	186	−182	0.187	9	−81	18.772	6	0.568	354
21.007	0.2153	0.12386	185	−350	0.196	9	−63	18.778	1	+ 0.214	354
22.004	0.2181	0.12201	185	−477	0.205	7	−33	18.779	−5	− 0.140	353
23.001	0.2208	0.12016		−529	0.212		+ 5	18.774		0.493	

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Welt-Zeit	t	A		A'	B		B'	C		D	
1927	s				″			″		″	
März 23.001	0.2208	−0.12016	186	−529	−0.212	7	+ 5	−18.774	11	− 0.493	353
23.999	0.2235	0.11830	186	−502	0.219	6	+44	18.763	16	0.846	353
24.996	0.2263	0.11644	186	−393	0.225	6	+77	18.747	22	1.199	352
25.993	0.2290	0.11458	187	−220	0.231	5	+93	18.725	27	1.551	351
26.991	0.2317	0.11271	187	− 17	0.236	5	+91	18.698	33	1.902	350
27.988	0.2345	0.11084	188	+167	0.241	4	+67	18.665	38	2.252	350
28.985	0.2372	−0.10896	189	+290	−0.245	3	+27	−18.627	44	− 2.602	349
29.982	0.2399	0.10707	190	+322	0.248	2	−19	18.583	49	2.951	348
30.980	0.2426	0.10517	191	+259	0.250	2	−62	18.534	55	3.299	347
31.977	0.2454	0.10326	192	+118	0.252	1	−89	18.479	60	3.646	346
April 1.974	0.2481	0.10134	193	− 54	0.253	1	−94	18.419	66	3.992	344
2.971	0.2508	0.09941	194	−210	0.254	0	−78	18.353	71	4.336	342
3.969	0.2536	−0.09747	196	−302	−0.254	1	−42	−18.282	76	− 4.678	341
4.966	0.2563	0.09551	198	−304	0.253	1	+ 2	18.206	81	5.019	339
5.963	0.2590	0.09353	199	−214	0.252	2	+44	18.125	87	5.358	337
6.961	0.2618	0.09154	201	− 58	0.250	2	+77	18.038	92	5.695	335
7.958	0.2645	0.08953	202	+133	0.248	2	+89	17.946	98	6.030	334
8.955	0.2672	0.08751	204	+309	0.246	3	+84	17.848	103	6.364	332
9.952	0.2700	−0.08547	206	+441	−0.243	3	+63	−17.745	107	− 6.696	329
10.950	0.2727	0.08341	208	+504	0.240	4	+30	17.638	113	7.025	327
11.947	0.2754	0.08133	210	+492	0.236	5	− 5	17.525	117	7.352	326
12.944	0.2781	0.07923	212	+410	0.231	5	−40	17.408	123	7.678	322
13.941	0.2809	0.07711	214	+272	0.226	6	−67	17.285	127	8.000	320
14.939	0.2836	0.07497	216	+ 98	0.220	6	−82	17.158	133	8.320	318
15.936	0.2863	−0.07281	219	− 92	−0.214	6	−84	−17.025	137	− 8.638	315
16.933	0.2891	0.07062	221	−269	0.208	6	−72	16.888	142	8.953	312
17.930	0.2918	0.06841	223	−411	0.202	7	−46	16.746	147	9.265	309
18.928	0.2945	0.06618	226	−492	0.195	7	−10	16.599	152	9.574	306
19.925	0.2973	0.06392	228	−497	0.188	8	+29	16.447	156	9.880	303
20.922	0.3000	0.06164	231	−421	0.180	8	+67	16.291	161	10.183	300
21.920	0.3027	−0.05933	233	−272	−0.172	9	+89	−16.130	166	−10.483	297
22.917	0.3054	0.05700	237	− 81	0.163	8	+94	15.964	170	10.780	294
23.914	0.3082	0.05463	239	+110	0.155	9	+81	15.794	174	11.074	290
24.911	0.3109	0.05224	242	+250	0.146	9	+45	15.620	179	11.364	287
25.909	0.3136	0.04982	244	+313	0.137	9	− 1	15.441	183	11.651	283
26.906	0.3164	0.04738	247	+276	0.128	9	−46	15.258	188	11.934	280
27.903	0.3191	−0.04491	249	+155	−0.119	10	−82	−15.070	192	−12.214	276
28.900	0.3218	0.04242	252	− 18	0.109	9	−96	14.878	196	12.490	272
29.898	0.3246	0.03990	255	−193	0.100	10	−88	14.682	200	12.762	269
30.895	0.3273	0.03735	258	−317	0.090	10	−59	14.482	204	13.031	265
Mai 1.892	0.3300	0.03477	260	−358	0.080	10	−17	14.278	207	13.296	260
2.890	0.3328	0.03217		−299	0.070		+28	14.071		13.556	

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Welt-Zeit	t	A		A'	B		B'	C		D	
1927	a				"			"		"	
Mai 2.890	0.3328	−0.03217	263	−299	−0.070	10	+28	−14.071	211	−13.556	257
3.887	0.3355	0.02954	266	−159	0.060	10	+64	13.860	216	13.813	253
4.884	0.3382	0.02688	269	+ 34	0.050	10	+87	13.644	220	14.066	249
5.881	0.3409	0.02419	273	+232	0.040	10	+88	13.424	223	14.315	244
6.879	0.3437	0.02146	275	+396	0.030	9	+73	13.201	227	14.559	240
7.876	0.3464	0.01871	278	+496	0.021	10	+43	12.974	231	14.799	236
8.873	0.3491	−0.01593	280	+518	−0.011	10	+ 7	−12.743	234	−15.035	232
9.870	0.3519	0.01313	283	+464	−0.001	10	−29	12.509	237	15.267	227
10.868	0.3546	0.01030	286	+344	+0.009	10	−59	12.272	241	15.494	223
11.865	0.3573	0.00744	288	+181	0.019	9	−78	12.031	244	15.717	218
12.862	0.3601	0.00456	291	− 5	0.028	9	−84	11.787	247	15.935	214
13.859	0.3628	−0.00165	295	−189	0.037	9	−77	11.540	250	16.149	209
14.857	0.3655	+0.00130	297	−347	+0.046	9	−57	−11.290	253	−16.358	204
15.854	0.3682	0.00427	300	−450	0.055	9	−24	11.037	256	16.562	199
16.851	0.3710	0.00727	302	− 483	0.064	8	+14	10.781	259	16.761	194
17.849	0.3737	0.01029	305	−436	0.072	8	+53	10.522	263	16.955	190
18.846	0.3764	0.01334	307	− 310	0.080	8	+81	10.259	265	17.145	185
19.843	0.3792	0.01641	310	−131	0.088	7	+95	9.994	268	17.330	180
20.840	0.3819	+0.01951	312	+ 63	+0.095	8	+89	− 9.726	270	−17.510	175
21.838	0.3846	0.02263	314	+227	0.103	7	+61	9.456	273	17.685	170
22.835	0.3874	0.02577	316	+322	0.110	7	+19	9.183	275	17.855	165
23.832	0.3901	0.02893	319	+321	0.117	6	−27	8.908	278	18.020	160
24.829	0.3928	0.03212	321	+223	0.123	6	−69	8.630	280	18.180	155
25.827	0.3956	0.03533	323	+ 54	0.129	5	−93	8.350	282	18.335	150
26.824	0.3983	+0.03856	325	−138	+0.134	5	−94	− 8.068	284	−18.485	144
27.821	0.4010	0.04181	327	− 298	0.139	5	−73	7.784	287	18.629	139
28.819	0.4037	0.04508	329	− 384	0.144	5	−36	7.497	289	18.768	134
29.816	0.4065	0.04837	331	− 370	0.149	4	+10	7.208	290	18.902	128
30.813	0.4092	0.05168	333	−262	0.153	3	+52	6.918	292	19.030	124
31.810	0.4119	0.05501	334	− 82	0.156	3	+80	6.626	294	19.154	117
Juni 1.808	0.4147	+0.05835	336	+125	+0.159	3	+90	− 6.332	296	−19.271	112
2.805	0.4174	0.06171	339	+314	0.162	2	+81	6.036	297	19.383	107
3.802	0.4201	0.06510	340	+451	0.164	2	+55	5.739	299	19.490	102
4.799	0.4229	0.06850	341	+510	0.166	1	+22	5.440	300	19.592	96
5.797	0.4256	0.07191	342	+488	0.167	0	−15	5.140	301	19.688	91
6.794	0.4283	0.07533	344	+394	0.167	0	−50	4.839	303	19.779	85
7.791	0.4310	+0.07877	345	+246	+0.167	1	−73	− 4.536	304	−19.864	80
8.789	0.4338	0.08222	346	+ 68	0.166	1	−85	4.232	305	19.944	74
9.786	0.4365	0.08568	347	− 120	0.165	1	−82	3.927	306	20.018	69
10.783	0.4392	0.08915	348	−289	0.164	2	−66	3.621	307	20.087	63
11.780	0.4420	0.09263	349	− 416	0.162	3	−37	3.314	308	20.150	57
12.778	0.4447	0.09612		−474	0.159		− 1	3.006		20.207	

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Welt-Zeit	t	A		A′	B		B′	C		D	
1927	″				″			″		″	
Juni 12.778	0.4447	+0.09612	350	−474	+0.159	3	− 1	−3.006	309	−20.207	52
13.775	0.4474	0.09962	351	−456	0.156	4	+39	2.697	309	20.259	46
14.772	0.4502	0.10313	351	−357	0.152	5	+72	2.388	310	20.305	40
15.769	0.4529	0.10664	352	−193	0.147	5	+92	2.078	310	20.345	35
16.767	0.4556	0.11016	352	+ 8	0.142	5	+95	1.768	311	20.380	29
17.764	0.4583	0.11368	352	+192	0.137	6	+74	1.457	311	20.409	23
18.761	0.4611	+0.11720	353	+323	+0.131	7	+38	−1.146	312	−20.432	18
19.758	0.4638	0.12073	353	+364	0.124	8	− 9	0.834	312	20.450	12
20.756	0.4665	0.12426	353	+302	0.116	8	−54	0.522	312	20.462	7
21.753	0.4693	0.12779	353	+155	0.108	9	−86	−0.210	312	20.469	1
22.750	0.4720	0.13132	353	− 40	0.099	9	−97	+0.102	311	20.470	− 5
23.748	0.4747	0.13485	353	−227	0.090	10	−86	0.413	312	20.465	10
24.745	0.4775	+0.13838	353	−358	+0.080	10	−53	+0.725	311	−20.455	16
25.742	0.4802	0.14191	352	−395	0.070	11	− 9	1.036	311	20.439	21
26.739	0.4829	0.14543	352	−331	0.059	12	+35	1.347	311	20.418	27
27.737	0.4856	0.14895	351	−182	0.047	12	+71	1.658	310	20.391	33
28.734	0.4884	0.15246	351	+ 19	0.035	13	+88	1.968	310	20.358	38
29.731	0.4911	0.15597	350	+220	0.022	13	+88	2.278	309	20.320	44
30.728	0.4938	+0.15947	350	+384	+0.009	14	+67	+2.587	309	−20.276	50
Juli 1.726	0.4966	0.16297	349	+478	−0.005	14	+36	2.896	308	20.226	55
2.723	0.4993	0.16646	348	+493	0.019	15	− 1	3.204	306	20.171	61
3.720	0.5020	0.16994	347	+427	0.034	16	−37	3.510	305	20.110	66
4.718	0.5048	0.17341	345	+300	0.050	16	−66	3.815	305	20.044	72
5.715	0.5075	0.17686	345	+129	0.066	17	−81	4.120	304	19.972	77
6.712	0.5102	+0.18031	343	− 58	−0.083	17	−85	+4.424	302	−19.895	83
7.709	0.5130	0.18374	342	−237	0.100	18	−73	4.726	301	19.812	88
8.707	0.5157	0.18716	340	−382	0.118	18	−48	5.027	299	19.724	94
9.704	0.5184	0.19056	339	−470	0.136	19	−14	5.326	298	19.630	99
10.701	0.5211	0.19395	338	−483	0.155	19	+25	5.624	296	19.531	105
11.698	0.5239	0.19733	336	−414	0.174	19	+61	5.920	295	19.426	110
12.696	0.5266	+0.20069	334	−271	−0.193	20	+86	+6.215	293	−19.316	115
13.693	0.5293	0.20403	332	− 81	0.213	20	+96	6.508	292	19.201	120
14.690	0.5321	0.20735	330	+122	0.233	21	+83	6.800	290	19.081	126
15.688	0.5348	0.21065	328	+285	0.254	21	+54	7.090	288	18.955	131
16.685	0.5375	0.21393	327	+372	0.275	22	+ 9	7.378	286	18.824	136
17.682	0.5403	0.21720	325	+360	0.297	22	−37	7.664	284	18.688	141
18.679	0.5430	+0.22045	323	+250	−0.319	23	−76	+7.948	281	−18.547	147
19.677	0.5457	0.22368	321	+ 73	0.342	23	−97	8.229	279	18.400	151
20.674	0.5485	0.22689	319	−125	0.365	23	−95	8.508	277	18.249	157
21.671	0.5512	0.23008	317	−286	0.388	24	−69	8.785	275	18.092	161
22.668	0.5539	0.23325	314	−372	0.412	24	−28	9.060	272	17.931	167
23.666	0.5566	0.23639		−352	0.436		+19	9.332		17.764	

für 12ʰ Sternzeit Greenwich

Welt-Zeit	t	A	Δ	A'	B	Δ	B'	C	Δ	D	Δ
1927	s				"			"		"	
Juli 23.666	0.5566	+0.23639	312	−352	−0.436	24	+19	+ 9.332	269	−17.764	171
24.663	0.5594	0.23951	309	−239	0.460	25	+60	9.601	267	17.593	177
25.660	0.5621	0.24260	307	− 61	0.485	25	+86	9.868	264	17.416	181
26.657	0.5648	0.24567	305	+142	0.510	25	+93	10.132	262	17.235	186
27.655	0.5676	0.24872	302	+323	0.535	25	+78	10.394	259	17.049	191
28.652	0.5703	0.25174	300	+446	0.560	26	+50	10.653	256	16.858	195
29.649	0.5730	+0.25474	297	+491	−0.586	25	+13	+10.909	253	−16.663	200
30.647	0.5758	0.25771	294	+453	0.611	26	−26	11.162	249	16.463	205
31.644	0.5785	0.26065	292	+347	0.637	26	− 57	11.411	246	16.258	210
Aug. 1.641	0.5812	0.26357	289	+191	0.663	26	−78	11.657	244	16.048	214
2.638	0.5839	0.26646	286	+ 6	0.689	26	−86	11.901	241	15.834	218
3.636	0.5867	0.26932	284	−179	0.715	26	−79	12.142	237	15.616	223
4.633	0.5894	+0.27216	281	−341	−0.741	26	−58	+12.379	234	−15.393	227
5.630	0.5921	0.27497	279	−454	0.767	27	−27	12.613	230	15.166	232
6.627	0.5949	0.27776	276	−500	0.794	26	+10	12.843	227	14.934	236
7.625	0.5976	0.28052	273	−467	0.820	27	+48	13.070	223	14.698	240
8.622	0.6003	0.28325	271	−354	0.847	26	+78	13.293	219	14.458	244
9.619	0.6031	0.28596	268	−181	0.873	27	+95	13.512	216	14.214	247
10.617	0.6058	+0.28864	265	+ 21	−0.900	27	+92	+13.728	212	−13.967	251
11.614	0.6085	0.29129	263	+204	0.927	26	+69	13.940	208	13.716	256
12.611	0.6113	0.29392	260	+332	0.953	27	+29	14.148	204	13.460	260
13.608	0.6140	0.29652	257	+368	0.980	26	−18	14.352	201	13.200	263
14.606	0.6167	0.29909	254	+301	1.006	26	−62	14.553	197	12.937	267
15.603	0.6194	0.30163	252	+155	1.032	26	−90	14.750	192	12.670	271
16.600	0.6222	+0.30415	249	− 32	−1.058	26	−99	+14.942	188	−12.399	274
17.597	0.6249	0.30664	247	−209	1.084	25	−81	15.130	184	12.125	278
18.595	0.6276	0.30911	244	−326	1.109	25	−46	15.314	180	11.847	281
19.592	0.6304	0.31155	242	−345	1.134	25	− 1	15.494	176	11.566	285
20.589	0.6331	0.31397	239	−270	1.159	25	+45	15.670	171	11.281	288
21.586	0.6358	0.31636	236	−114	1.184	25	+78	15.841	167	10.993	291
22.584	0.6386	+0.31872	234	+ 84	−1.209	24	+93	+16.008	163	−10.702	294
23.581	0.6413	0.32106	231	+276	1.233	24	+87	16.171	158	10.408	297
24.578	0.6440	0.32337	229	+422	1.257	24	+62	16.329	153	10.111	300
25.576	0.6467	0.32566	228	+496	1.281	24	+28	16.482	149	9.811	303
26.573	0.6495	0.32794	225	+486	1.305	23	−12	16.631	144	9.508	306
27.570	0.6522	0.33019	223	+401	1.328	23	−46	16.775	140	9.202	309
28.567	0.6549	+0.33242	221	+259	−1.351	22	−72	+16.915	135	− 8.893	312
29.565	0.6577	0.33463	218	+ 80	1.373	22	−85	17.050	130	8.581	314
30.562	0.6604	0.33681	216	−107	1.395	22	−84	17.180	125	8.267	316
31.559	0.6631	0.33897	215	−284	1.417	21	−69	17.305	120	7.951	319
Sept. 1.556	0.6659	0.34112	212	−418	1.438	21	−41	17.425	116	7.632	321
2.554	0.6686	0.34324		−491	1.459		− 6	17.541		7.311	

für 12^h Sternzeit Greenwich

Welt-Zeit	t	A		A'	B		B'	C		D	
1927	h				"			"		"	
Sept. 2.554	0.6686	+0.34324	211	−491	−1.459	21	− 6	+17.541	110	−7.311	323
3.551	0.6713	0.34535	209	−494	1.480	20	+32	17.651	106	6.988	325
4.548	0.6741	0.34744	207	−418	1.500	19	+68	17.757	100	6.663	328
5.546	0.6768	0.34951	205	−271	1.519	19	+90	17.857	96	6.335	330
6.543	0.6795	0.35156	204	− 84	1.538	18	+94	17.953	90	6.005	331
7.540	0.6822	0.35360	202	+109	1.556	17	+80	18.043	86	5.674	333
8.537	0.6850	+0.35562	201	+258	−1.573	17	+46	+18.129	80	−5.341	335
9.535	0.6877	0.35763	200	+329	1.590	17	+ 1	18.209	75	5.006	337
10.532	0.6904	0.35963	199	+309	1.607	16	−46	18.284	70	4.669	338
11.529	0.6932	0.36162	198	+195	1.623	16	−82	18.354	64	4.331	339
12.526	0.6959	0.36360	196	+ 26	1.639	15	−98	18.418	59	3.992	341
13.524	0.6986	0.36556	195	−156	1.654	14	−93	18.477	54	3.651	342
14.521	0.7014	+0.36751	195	−291	−1.668	14	−62	+18.531	50	−3.309	343
15.518	0.7041	0.36946	194	−346	1.682	13	−19	18.581	44	2.966	344
16.516	0.7068	0.37140	193	−299	1.695	13	+28	18.625	38	2.622	345
17.513	0.7095	0.37333	193	−165	1.708	12	+68	18.663	33	2.277	346
18.510	0.7123	0.37526	192	+ 28	1.720	12	+91	18.696	27	1.931	347
19.507	0.7150	0.37718	191	+230	1.732	11	+94	18.723	22	1.584	348
20.505	0.7177	+0.37909	191	+403	−1.743	10	+76	+18.745	16	−1.236	348
21.502	0.7205	0.38100	191	+505	1.753	9	+44	18.761	11	0.888	348
22.499	0.7232	0.38291	191	+527	1.762	9	+ 5	18.772	6	0.540	349
23.496	0.7259	0.38482	191	+466	1.771	8	−35	18.778	0	−0.191	348
24.494	0.7287	0.38673	191	+337	1.779	8	−64	18.778	5	+0.157	349
25.491	0.7314	0.38864	191	+165	1.787	7	−82	18.773	11	0.506	349
26.488	0.7341	+0.39055	192	− 23	−1.794	6	−87	+18.762	16	+0.855	349
27.485	0.7369	0.39247	192	−205	1.800	6	−75	18.746	22	1.204	349
28.483	0.7396	0.39439	193	−358	1.806	5	−53	18.724	27	1.553	349
29.480	0.7423	0.39632	194	−458	1.811	4	−20	18.697	32	1.902	349
30.477	0.7450	0.39826	194	−491	1.815	4	+19	18.665	38	2.251	348
Okt. 1.475	0.7478	0.40020	195	−449	1.819	3	+55	18.627	43	2.599	347
2.472	0.7505	+0.40215	196	−333	−1.822	2	+83	+18.584	49	+2.946	347
3.469	0.7532	0.40411	197	−163	1.824	2	+96	18.535	55	3.293	346
4.466	0.7560	0.40608	197	+ 21	1.826	1	+88	18.480	60	3.639	344
5.464	0.7587	0.40805	199	+185	1.827	1	+62	18.420	65	3.983	344
6.461	0.7614	0.41004	200	+286	1.828	0	+20	18.355	71	4.327	343
7.458	0.7642	0.41204	201	+294	1.828	1	−26	18.284	76	4.670	342
8.455	0.7669	+0.41405	203	+213	−1.827	1	−69	+18.208	82	+5.012	340
9.453	0.7696	0.41608	205	+ 58	1.826	2	−94	18.126	87	5.352	339
10.450	0.7723	0.41813	206	−124	1.824	2	−98	18.039	93	5.691	338
11.447	0.7751	0.42019	208	−283	1.822	3	−78	17.946	98	6.029	336
12.445	0.7778	0.42227	210	−367	1.819	3	−39	17.848	103	6.365	335
13.442	0.7805	0.42437		−352	1.816		+ 7	17.745		6.700	

für 12^h Sternzeit Greenwich

Welt-Zeit		t	A	Δ	A'	B	Δ	B'	C	Δ	D	Δ
1927		s				"			"		"	
Okt.	13.442	0.7805	+0.42437	212	−352	−1.816	4	+ 7	+17.745	108	+ 6.700	333
	14.439	0.7833	0.42649	213	−242	1.812	5	+ 52	17.637	114	7.033	330
	15.436	0.7860	0.42862	216	− 56	1.807	5	+ 83	17.523	119	7.363	328
	16.434	0.7887	0.43078	218	+161	1.802	5	+ 93	17.404	125	7.691	327
	17.431	0.7915	0.43296	220	+357	1.797	5	+ 84	17.279	130	8.018	324
	18.428	0.7942	0.43516	223	+498	1.792	6	+ 57	17.149	135	8.342	322
	19.425	0.7969	+0.43739	225	+556	−1.786	7	+ 20	+17.014	140	+ 8.664	319
	20.423	0.7996	0.43964	228	+527	1.779	7	− 19	16.874	145	8.983	317
	21.420	0.8024	0.44192	230	+419	1.772	8	− 54	16.729	150	9.300	314
	22.417	0.8051	0.44422	233	+260	1.764	8	− 77	16.579	155	9.614	312
	23.415	0.8078	0.44655	236	+ 70	1.756	8	− 87	16.424	160	9.926	309
	24.412	0.8106	0.44891	238	−118	1.748	9	− 83	16.264	166	10.235	306
	25.409	0.8133	+0.45129	241	−286	−1.739	9	− 62	+16.098	170	+10.541	303
	26.406	0.8160	0.45370	244	−404	1.730	9	− 32	15.928	175	10.844	300
	27.404	0.8188	0.45614	247	−465	1.721	9	+ 4	15.753	180	11.144	297
	28.401	0.8215	0.45861	249	−450	1.712	10	+ 42	15.573	185	11.441	293
	29.398	0.8242	0.46110	252	−361	1.702	10	+ 73	15.388	190	11.734	290
	30.395	0.8270	0.46362	256	−213	1.692	11	+ 94	15.198	194	12.024	287
	31.393	0.8297	+0.46618	259	− 36	−1.681	10	+ 94	+15.004	199	+12.311	283
Nov.	1.390	0.8324	0.46877	261	+135	1.671	11	+ 75	14.805	204	12.594	279
	2.387	0.8351	0.47138	265	+254	1.660	11	+ 39	14.601	208	12.873	275
	3.384	0.8379	0.47403	268	+296	1.649	11	− 8	14.393	213	13.148	272
	4.382	0.8406	0.47671	271	+238	1.638	11	− 53	14.180	217	13.420	268
	5.379	0.8433	0.47942	274	+ 98	1.627	11	− 86	13.963	221	13.688	263
	6.376	0.8461	+0.48216	278	− 86	−1.616	11	−101	+13.742	226	+13.951	259
	7.374	0.8488	0.48494	281	−263	1.605	12	− 90	13.516	230	14.210	256
	8.371	0.8515	0.48775	284	−386	1.593	11	− 57	13.286	234	14.466	251
	9.368	0.8543	0.49059	287	−417	1.582	11	− 13	13.052	238	14.717	247
	10.365	0.8570	0.49346	290	−339	1.571	11	+ 35	12.814	242	14.964	242
	11.363	0.8597	0.49636	293	−171	1.560	10	+ 73	12.572	246	15.206	238
	12.360	0.8624	+0.49929	297	+ 47	−1.550	11	+ 93	+12.326	250	+15.444	233
	13.357	0.8652	0.50226	300	+270	1.539	10	+ 92	12.076	254	15.677	228
	14.354	0.8679	0.50526	303	+449	1.529	11	+ 70	11.822	258	15.905	224
	15.352	0.8706	0.50829	306	+549	1.518	10	+ 36	11.564	261	16.129	218
	16.349	0.8734	0.51135	309	+561	1.508	10	− 5	11.303	265	16.347	214
	17.346	0.8761	0.51444	313	+485	1.498	10	− 42	11.038	269	16.561	208
	18.343	0.8788	+0.51757	316	+344	−1.488	10	− 71	+10.769	272	+16.769	204
	19.341	0.8816	0.52073	318	+163	1.478	10	− 84	10.497	275	16.973	198
	20.338	0.8843	0.52391	322	− 32	1.468	10	− 86	10.222	278	17.171	194
	21.335	0.8870	0.52713	325	−208	1.458	9	− 72	9.944	281	17.365	188
	22.333	0.8898	0.53038	328	−349	1.449	9	− 45	9.663	285	17.553	182
	23.330	0.8925	0.53366		−429	1.440		− 10	9.378		17.735	

Reduktionsgrößen 1927

für 12^h Sternzeit Greenwich

Welt-Zeit	*t*	*A*		*A'*	*B*		*B'*	*C*		*D*	
1927	h				"			"		"	
Nov. 23.330	0.8925	+0.53366	330	−429	−1.440	8	− 10	+9.378	288	+17.735	177
24.327	0.8952	0.53696	333	−440	1.432	8	+ 28	9.090	291	17.912	172
25.324	0.8979	0.54029	335	−377	1.424	7	+ 62	8.799	294	18.084	166
26.322	0.9007	0.54364	338	−250	1.417	7	+ 88	8.505	296	18.250	160
27.319	0.9034	0.54702	341	− 80	1.410	7	+ 96	8.209	299	18.410	155
28.316	0.9061	0.55043	343	+ 99	1.403	6	+ 85	7.910	301	18.565	149
29.313	0.9089	+0.55386	346	+241	−1.397	6	+ 55	+7.609	304	+18.714	143
30.311	0.9116	0.55732	348	+311	1.391	5	+ 12	7.305	306	18.857	138
Dez. 1.308	0.9143	0.56080	350	+287	1.386	5	− 36	6.999	309	18.995	132
2.305	0.9171	0.56430	352	+170	1.381	5	− 75	6.690	311	19.127	126
3.303	0.9198	0.56782	354	− 9	1.376	4	− 98	6.379	313	19.253	120
4.300	0.9225	0.57136	356	−209	1.372	3	− 98	6.066	315	19.373	114
5.297	0.9252	+0.57492	359	−369	−1.369	3	− 73	+5.751	317	+19.487	107
6.294	0.9280	0.57851	360	−448	1.366	2	− 32	5.434	318	19.594	101
7.292	0.9307	0.58211	362	−419	1.364	1	+ 16	5.116	320	19.695	96
8.289	0.9334	0.58573	364	−289	1.363	1	+ 59	4.796	322	19.791	89
9.286	0.9362	0.58937	366	− 83	1.362	0	+ 88	4.474	323	19.880	83
10.283	0.9389	0.59303	367	+147	1.362	0	+ 95	4.151	325	19.963	77
11.281	0.9416	+0.59670	368	+358	−1.362	1	+ 81	+3.826	326	+20.040	71
12.278	0.9444	0.60038	369	+501	1.363	2	+ 51	3.500	327	20.111	65
13.275	0.9471	0.60407	370	+556	1.365	2	+ 11	3.173	328	20.176	58
14.273	0.9498	0.60777	371	+520	1.367	3	− 29	2.845	329	20.234	52
15.270	0.9526	0.61148	372	+406	1.370	4	− 62	2.516	330	20.286	45
16.267	0.9553	0.61520	373	+239	1.374	4	− 82	2.186	331	20.331	39
17.264	0.9580	+0.61893	374	+ 46	−1.378	5	− 89	+1.855	331	+20.370	33
18.262	0.9607	0.62267	374	−139	1.383	5	− 78	1.524	332	20.403	26
19.259	0.9635	0.62641	375	−295	1.388	6	− 56	1.192	332	20.429	20
20.256	0.9662	0.63016	374	−397	1.394	7	− 24	0.860	332	20.449	13
21.253	0.9689	0.63390	375	−434	1.401	8	+ 14	0.528	333	20.462	7
22.251	0.9717	0.63765	374	−399	1.409	9	+ 51	+0.195	333	20.469	1
23.248	0.9744	+0.64139	375	−292	−1.418	9	+ 80	−0.138	333	+20.470	— 6
24.245	0.9771	0.64514	375	−130	1.427	10	+ 96	0.471	333	20.464	12
25.242	0.9799	0.64889	375	+ 50	1.437	11	+ 92	0.804	333	20.452	19
26.240	0.9826	0.65264	375	+215	1.448	11	+ 69	1.137	332	20.433	25
27.237	0.9853	0.65639	374	+322	1.459	12	+ 30	1.469	332	20.408	32
28.234	0.9880	0.66013	373	+337	1.471	12	− 17	1.801	331	20.376	38
29.232	0.9908	+0.66386	373	+257	−1.483	13	− 61	−2.132	331	+20.338	45
30.229	0.9935	0.66759	372	+ 94	1.496	14	− 92	2.463	330	20.293	51
31.226	0.9962	0.67131	371	−110	1.510	15	−101	2.793	329	20.242	57
32.223	0.9990	0.67502		−300	1.525		− 86	3.122		20.185	

Übertragung mittlerer Sternörter

von dem Äquinoktium t_1 auf $t_2 = 1927.0$

t_1	$m^s(t_2-t_1)$	$\log[n^s(t_2-t_1)]$	$\log[n''(t_2-t_1)]$
1755	$+8^m 48^s.253$	2.361593	3.537684
1790	7 0.804	2.262753	3.438844
1800	6 30.100	2.229827	3.405918
1810	5 59.394	2.194199	3.370290
1825	5 13.332	2.134600	3.310691
1830	+4 57.978	2.112768	3.288859
1835	4 42.623	2.089779	3.265870
1840	4 27.266	2.065505	3.241596
1845	4 11.910	2.039795	3.215886
1850	3 56.553	2.012468	3.188559
1855	+3 41.196	1.983304	3.159395
1860	3 25.838	1.952042	3.128133
1865	3 10.481	1.918354	3.094445
1870	2 55.122	1.881833	3.057924
1875	2 39.763	1.841956	3.018047
1880	+2 24.403	1.798047	2.974138
1885	2 9.043	1.749193	2.925284
1890	1 53.682	1.694142	2.870233
1895	1 38.321	1.63108	2.80718
1900	1 22.960	1.55730	2.73339
1905	+1 7.598	1.46835	2.64444
1910	0 52.236	1.35637	2.53246
1915	0 36.873	1.20510	2.38119
1920	0 21.509	0.97101	2.14710
1925	+0 6.146	0.42694	1.60303
1930	—0 9.219	0.60302_n	1.77912_n

Sind α_1, δ_1 die Koordinaten für t_1 und α_2, δ_2 jene für $t_2 = 1927.0$, ist ferner α', δ' der genäherte Sternort für die Zeit

$$\frac{1}{2}(t_1 + t_2),$$

so ist

$$\alpha_2 = \alpha_1 + m^s(t_2-t_1) + [n^s(t_2-t_1)] \sin \alpha' \operatorname{tg} \delta'$$
$$\delta_2 = \delta_1 + [n''(t_2-t_1)] \cos \alpha'$$

Übertragung mittlerer Polsternörter

von dem Äquinoktium t_1 auf $t_2 = 1927.0$

t_1	$90° - (N)$	$(m)+(N)-90°$	(n)
1755	+66′ 0.″82	+66′ 3.″16	+57′ 28.″71
1790	52 35.33	52 36.81	45 46.80
1800	48 45.15	48 46.42	42 26.26
1810	44 54.94	44 56.03	39 5.73
1825	39 9.60	39 10.42	34 4.94
1830	+37 14.48	+37 15.22	+32 24.68
1835	35 19.34	35 20.01	30 44.43
1840	33 24.21	33 24.81	29 4.17
1845	31 29.07	31 29.61	27 23.92
1850	29 33.92	29 34.40	25 43.66
1855	+27 38.77	+27 39.18	+24 3.41
1860	25 43.62	25 43.97	22 23.16
1865	23 48.45	23 48.76	20 42.92
1870	21 53.29	21 53.55	19 2.67
1875	19 58.12	19 58.33	17 22.43
1880	+18 2.94	+18 3.11	+15 42.18
1885	16 7.75	16 7.89	14 1.94
1890	14 12.56	14 12.67	12 21.70
1895	12 17.37	12 17.45	10 41.47
1900	10 22.17	10 22.23	9 1.23
1905	+ 8 26.97	+ 8 27.00	+ 7 21.00
1910	6 31.76	6 31.77	5 40.77
1915	4 36.54	4 36.55	4 0.54
1920	2 41.32	2 41.32	2 20.31
1925	+ 0 46.09	+ 0 46.09	+ 0 40.09
1930	− 1 9.14	− 1 9.14	− 1 0.13

Sind α_1, δ_1 die Koordinaten für t_1 und α_2, δ_2 jene für $t_2 = 1927.0$, so hat man

zur Reduktion von dem Äquinoktium t_1 auf t_2:

$$a_1 = \alpha_1 + [90° - (N)]$$

$$p_1 = \left(\operatorname{tang} \delta_1 + \cos a_1 \operatorname{tang} \tfrac{1}{2}(n)\right) \sin (n)$$

$$\operatorname{tang} \Delta a_1 = \frac{p_1 \sin a_1}{1 - p_1 \cos a_1}$$

$$\alpha_2 = a_1 + [(m)+(N)-90°] + \Delta a_1$$

$$\operatorname{tang} \tfrac{1}{2}(\delta_2 - \delta_1) =$$

$$\cos\left(a_1 + \tfrac{1}{2}\Delta a_1\right) \sec \tfrac{1}{2}\Delta a_1 \operatorname{tang} \tfrac{1}{2}(n)$$

zur Reduktion von dem Äquinoktium t_2 auf t_1:

$$a_2 = \alpha_2 - [(m) + (N) - 90°]$$

$$p_2 = -\left(\operatorname{tang} \delta_2 - \cos a_2 \operatorname{tang} \tfrac{1}{2}(n)\right) \sin (n)$$

$$\operatorname{tang} \Delta a_2 = \frac{p_2 \sin a_2}{1 - p_2 \cos a_2}$$

$$\alpha_1 = a_2 - [90° - (N)] + \Delta a_2$$

$$\operatorname{tang} \tfrac{1}{2}(\delta_1 - \delta_2) =$$

$$-\cos\left(a_2 + \tfrac{1}{2}\Delta a_2\right) \sec \tfrac{1}{2}\Delta a_2 \operatorname{tang} \tfrac{1}{2}(n)$$

Reduktion
scheinbarer Rektaszensions- und Deklinations-Differenzen auf mittlere für den Jahresanfang.

Die Tafeln der Werte p, q, r (in Einheiten der vierten Dezimale) auf Seite 370—381 sollen zur bequemen Reduktion scheinbarer Rektaszensions- und Deklinationsdifferenzen auf mittlere, für den Jahresanfang geltende, dienen.

Ist $\Delta\alpha^m$ die gemessene scheinbare Rektaszensionsdifferenz in Zeitminuten,
$\Delta\delta'$ » » » Deklinationsdifferenz in Bogenminuten,

beides im Sinne Objekt minus Stern, so sind die an diese Größen anzubringenden Korrektionen in Zeit- resp. Bogensekunden gegeben durch die Ausdrücke:

Korr. für $\Delta\alpha = p.\Delta\alpha^m.\sec\delta + q.\Delta\delta'.\frac{1}{15}\sec^2\delta$ in Zeitsekunden
Korr. für $\Delta\delta = -q.15.\Delta\alpha^m + r.\Delta\delta'$ in Bogensekunden.

Die Werte $\sec\delta$ und $\frac{1}{15}\sec^2\delta$ sind in nachstehender Tafel enthalten.

δ	$\sec\delta$	$\frac{1}{15}\sec^2\delta$
0°	1.00	0.07
5	1.00	0.07
10	1.02	0.07
15	1.04	0.07
20	1.06	0.08
25	1.10	0.08
30	1.15	0.09
35	1.22	0.10
40	1.31	0.11
40°	1.31	0.11
42	1.35	0.12
44	1.39	0.13
46	1.44	0.14
48	1.49	0.15
50	1.56	0.16
52	1.62	0.18
54	1.70	0.19
56	1.79	0.21
58	1.89	0.24
60	2.00	0.27
60°	2.00	0.27
61	2.06	0.28
62	2.13	0.30
63	2.20	0.32

δ	$\sec\delta$	$\frac{1}{15}\sec^2\delta$
63°	2.20	0.32
64	2.28	0.35
65	2.37	0.37
66	2.46	0.40
67	2.56	0.44
68	2.67	0.48
69	2.79	0.52
70	2.92	0.57
71	3.07	0.63
72	3.24	0.70
73	3.42	0.78
74	3.63	0.88
75	3.86	1.00
75° 0'	3.86	1.00
75 30	3.99	1.06
76 0	4.13	1.14
76 30	4.28	1.22
77 0	4.45	1.32
77 30	4.62	1.42
78 0	4.81	1.54
78 30	5.02	1.68
79 0	5.24	1.83
79 30	5.49	2.01
80 0	5.76	2.21

p, 1927 Januar 15

α \ δ	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	δ / α
0h	−71	−69	−65	−60	−54	−49	−44	−40	−38	12h
1	−75	−73	−69	−64	−58	−52	−47	−44	−42	13
2	−74	−72	−69	−64	−58	−53	−48	−44	−42	14
3	−68	−67	−63	−59	−54	−49	−45	−42	−40	15
4	−58	−56	−54	−50	−46	−42	−39	−36	−35	16
5	−43	−42	−40	−38	−35	−33	−30	−29	−28	17
6	−26	−25	−24	−23	−22	−21	−20	−19	−18	18
7	− 6	− 7	− 7	− 7	− 7	− 7	− 8	− 8	− 8	19
8	+13	+12	+11	+10	+ 8	+ 6	+ 5	+ 4	+ 3	20
9	+32	+31	+29	+26	+23	+20	+17	+15	+14	21
10	+48	+47	+44	+40	+36	+32	+28	+25	+24	22
11	+62	+60	+56	+52	+47	+42	+37	+34	+32	23
12	+71	+69	+65	+60	+54	+49	+44	+40	+38	24

q, 1927 Januar 15

α \ δ	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	δ / α
0h	−25	−23	−18	−11	− 4	+ 4	+10	+15	+18	12h
1	− 6	− 5	− 4	− 2	+ 1	+ 3	+ 5	+ 7	+ 8	13
2	+13	+12	+10	+ 8	+ 5	+ 2	0	− 2	− 3	14
3	+32	+29	+24	+17	+ 9	+ 1	− 6	−11	−13	15
4	+48	+44	+36	+25	+12	0	−11	−19	−23	16
5	+61	+56	+45	+31	+15	− 1	−15	−26	−31	17
6	+70	+64	+52	+35	+17	− 2	−18	−31	−37	18
7	+74	+67	+54	+37	+17	− 3	−20	−33	−40	19
8	+73	+67	+54	+36	+16	− 4	−21	−34	−41	20
9	+68	+61	+49	+33	+14	− 4	−20	−32	−39	21
10	+57	+52	+41	+27	+11	− 4	−18	−29	−34	22
11	+43	+39	+31	+20	+ 8	− 4	−15	−23	−27	23
12	+25	+23	+18	+11	+ 4	− 4	−10	−15	−18	24

r, 1927 Januar 15

α \ δ	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	
0h	0	−19	−35	−48	−54	−54	−48	−36	−19	12h
1	− 1	−21	−38	−51	−58	−58	−51	−37	−20	13
2	− 1	−21	−38	−51	−58	−58	−51	−37	−20	14
3	0	−19	−35	−48	−54	−54	−48	−35	−19	15
4	+ 1	−15	−29	−40	−46	−47	−42	−31	−18	16
5	+ 3	− 9	−21	−30	−35	−37	−33	−26	−16	17
6	+ 6	− 3	−11	−17	−22	−24	−23	−19	−13	18
7	+ 8	+ 5	+ 1	− 3	− 7	−10	−12	−12	−11	19
8	+11	+12	+12	+11	+ 8	+ 4	0	− 4	− 8	20
9	+13	+20	+24	+25	+23	+18	+11	+ 3	− 5	21
10	+16	+26	+34	+37	+36	+31	+21	+10	− 3	22
11	+18	+32	+42	+47	+47	+41	+30	+15	− 1	23
12	+19	+36	+48	+54	+54	+48	+35	+19	0	24
	+80°	+60°	+40°	+20°	0°	−20°	−40°	−60°	−80°	α / δ

Bei der Tafel für r wird mit der Deklination für $0^h \leqq \alpha \leqq 12^h$ in die obere, für $12^h \leqq \alpha \leqq 24^h$ in die untere Argumentenzeile eingegangen.

Die Einheit der Tafelwerte ist 0.0001. Die Vorzeichen gelten für $0^h \leqq \alpha \leqq 12^h$; liegt α zwischen 12^h und 24^h, so sind bei allen Tafeln die Vorzeichen umzukehren.

Korr. $(\Delta\alpha)^s = p \,.\, \Delta\alpha^m \,.\, \sec\delta + q \,.\, \Delta\delta' \,.\, \frac{1}{15} \sec^2\delta$; Korr. $(\Delta\delta)'' = -q \,.\, 15 \,.\, \Delta\alpha^m + r \,.\, \Delta\delta'$

Reduktionsgrößen 1927

p, 1927 Februar 15

α \ δ	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	δ / α
0^h	−45	−44	−41	−38	−34	−30	−27	−24	−23	12^h
1	−55	−54	−52	−48	−44	−40	−37	−34	−33	13
2	−62	−61	−58	−55	−52	−48	−45	−43	−42	14
3	−64	−63	−61	−59	−56	−53	−50	−48	−47	15
4	−62	−62	−60	−58	−56	−53	−51	−50	−49	16
5	−56	−56	−55	−54	−52	−51	−49	−49	−48	17
6	−46	−46	−46	−45	−45	−44	−44	−44	−44	18
7	−33	−33	−33	−34	−35	−35	−36	−36	−36	19
8	−18	−18	−19	−20	−22	−23	−25	−26	−26	20
9	− 1	− 2	− 3	− 5	− 8	−10	−12	−14	−15	21
10	+16	+15	+13	+10	+ 7	+ 4	+ 1	− 1	− 2	22
11	+31	+30	+28	+25	+21	+17	+14	+12	+11	23
12	+45	+44	+41	+38	+34	+30	+27	+24	+23	24

q, 1927 Februar 15

α \ δ	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	δ / α
0^h	−45	−40	−30	−17	− 1	+14	+28	+38	+43	12^h
1	−32	−28	−20	−10	+ 2	+13	+24	+32	+36	13
2	−17	−15	−10	− 3	+ 4	+12	+19	+24	+26	14
3	− 1	0	+ 2	+ 4	+ 7	+10	+12	+14	+15	15
4	+16	+15	+13	+11	+ 9	+ 7	+ 5	+ 3	+ 2	16
5	+31	+29	+24	+18	+11	+ 3	− 3	− 8	−10	17
6	+45	+41	+33	+23	+11	0	−10	−18	−22	18
7	+55	+50	+40	+26	+11	− 4	−17	−27	−32	19
8	+61	+55	+44	+28	+10	− 7	−23	−34	−41	20
9	+64	+57	+45	+28	+ 9	−10	−27	−39	−46	21
10	+62	+55	+43	+26	+ 7	−12	−29	−41	−48	22
11	+56	+49	+38	+22	+ 4	−14	−29	−41	−47	23
12	+45	+40	+30	+17	+ 1	−14	−28	−38	−43	24

r, 1927 Februar 15

α \ δ	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	
0^h	+13	0	−13	−25	−34	−39	−38	−34	−25	12^h
1	+11	− 5	−21	−35	−44	−48	−46	−39	−27	13
2	+10	− 9	−27	−42	−52	−55	−52	−43	−28	14
3	+ 9	−11	−30	−46	−56	−59	−55	−45	−29	15
4	+ 9	−11	−30	−46	−56	−59	−55	−45	−29	16
5	+10	− 9	−27	−42	−52	−56	−52	−43	−28	17
6	+11	− 5	−22	−35	−45	−49	−47	−39	−27	18
7	+13	0	−14	−26	−35	−39	−39	−34	−25	19
8	+15	+ 6	− 4	−14	−22	−27	−29	−28	−23	20
9	+18	+13	+ 6	− 1	− 8	−14	−18	−21	−21	21
10	+20	+20	+18	+13	+ 7	0	− 7	−13	−18	22
11	+23	+27	+29	+26	+21	+13	+ 4	− 6	−15	23
12	+25	+34	+38	+39	+34	+25	+13	0	−13	24
	+80°	+60°	+40°	+20°	0°	−20°	−40°	−60°	−80°	α / δ

Bei der Tafel für r wird mit der Deklination für $0^h \leqq \alpha \leqq 12^h$ in die obere, für $12^h \leqq \alpha \leqq 24^h$ in die untere Argumentenzeile eingegangen.

Die Einheit der Tafelwerte ist 0.0001. Die Vorzeichen gelten für $0^h \leqq \alpha \leqq 12^h$; liegt α zwischen 12^h und 24^h, so sind bei allen Tafeln die Vorzeichen umzukehren.

$$\text{Korr. } (\Delta\alpha)^s = p\,.\,\Delta\alpha^m\,.\,\sec\delta + q\,.\,\Delta\delta'\,.\,\frac{1}{15}\sec^2\delta;\quad \text{Korr. } (\Delta\delta)'' = -q\,.\,15\,.\,\Delta\alpha^m + r\,.\,\Delta\delta'$$

Reduktionsgrößen 1927

p, 1927 März 15

δ / α	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	δ / α
0^h	−15	−14	−12	−10	−7	−4	−2	0	+1	12^h
1	−28	−27	−25	−23	−21	−18	−16	−14	−13	13
2	−39	−39	−37	−35	−33	−31	−29	−27	−26	14
3	−48	−48	−47	−45	−43	−41	−40	−39	−38	15
4	−54	−54	−53	−52	−50	−49	−48	−47	−47	16
5	−56	−56	−55	−55	−54	−54	−53	−53	−52	17
6	−54	−54	−54	−54	−54	−54	−55	−55	−55	18
7	−49	−49	−49	−50	−51	−51	−52	−52	−53	19
8	−39	−40	−41	−42	−44	−45	−46	−47	−48	20
9	−28	−29	−30	−31	−33	−35	−37	−38	−39	21
10	−14	−15	−17	−19	−21	−24	−26	−27	−28	22
11	0	−1	−3	−5	−7	−10	−12	−14	−15	23
12	+15	+14	+12	+10	+7	+4	+2	0	−1	24

q, 1927 März 15

δ / α	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	δ / α
0^h	−53	−47	−34	−18	0	+19	+35	+47	+54	12^h
1	−47	−41	−30	−15	+2	+20	+35	+46	+52	13
2	−39	−33	−24	−11	+4	+19	+32	+42	+47	14
3	−27	−23	−16	−6	+6	+17	+27	+35	+39	15
4	−14	−11	−7	0	+7	+14	+21	+25	+28	16
5	0	+1	+3	+5	+8	+10	+12	+14	+15	17
6	+15	+14	+12	+10	+8	+6	+4	+2	+1	18
7	+28	+25	+21	+14	+7	0	−6	−10	−13	19
8	+39	+35	+28	+18	+7	−5	−15	−22	−26	20
9	+48	+43	+33	+20	+5	−9	−22	−32	−37	21
10	+53	+47	+36	+21	+4	−14	−29	−40	−46	22
11	+55	+49	+37	+20	+2	−17	−33	−45	−52	23
12	+53	+47	+34	+18	0	−19	−35	−47	−54	24

r, 1927 März 15

δ / α	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	
0^h	+22	+17	+10	+2	−7	−14	−20	−24	−24	12^h
1	+19	+10	−1	−11	−21	−27	−31	−31	−27	13
2	+17	+4	−10	−23	−33	−39	−40	−37	−29	14
3	+16	−1	−18	−33	−43	−49	−48	−42	−31	15
4	+14	−5	−23	−39	−50	−55	−54	−46	−32	16
5	+14	−7	−26	−43	−54	−59	−57	−48	−33	17
6	+14	−7	−26	−43	−54	−59	−57	−48	−33	18
7	+14	−5	−24	−40	−51	−56	−54	−46	−32	19
8	+15	−1	−18	−33	−44	−49	−49	−42	−31	20
9	+17	+4	−11	−23	−33	−39	−41	−37	−29	21
10	+19	+10	−1	−12	−21	−28	−31	−31	−27	22
11	+22	+17	+9	+1	−7	−15	−21	−24	−24	23
12	+24	+24	+20	+14	+7	−2	−10	−17	−22	24
	+80°	+60°	+40°	+20°	0°	−20°	−40°	−60°	−80°	α / δ

Bei der Tafel für r wird mit der Deklination für $0^h \leqq \alpha \leqq 12^h$ in die obere, für $12^h \leqq \alpha \leqq 24^h$ in die untere Argumentenzeile eingegangen.

Die Einheit der Tafelwerte ist 0.0001. Die Vorzeichen gelten für $0^h \leqq \alpha \leqq 12^h$; liegt α zwischen 12^h und 24^h, so sind bei allen Tafeln die Vorzeichen umzukehren.

Korr. $(\Delta\alpha)^s = p \,.\, \Delta\alpha^m \,.\, \sec\delta + q \,.\, \Delta\delta' \,.\, \frac{1}{15} \sec^2\delta$; Korr. $(\Delta\delta)'' = -q \,.\, 15 \,.\, \Delta\alpha^m + r \,.\, \Delta\delta'$

p, 1927 April 15

α \ δ	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	δ / α
0h	+20	+20	+21	+23	+24	+26	+27	+28	+29	12h
1	+ 7	+ 7	+ 8	+ 9	+10	+12	+13	+14	+14	13
2	− 7	− 7	− 6	− 5	− 4	− 3	− 2	− 1	0	14
3	−21	−20	−20	−19	−18	−17	−16	−16	−15	15
4	−33	−32	−32	−32	−31	−31	−30	−30	−30	16
5	−42	−42	−42	−42	−42	−42	−42	−41	−41	17
6	−49	−49	−49	−50	−50	−50	−50	−50	−50	18
7	−53	−53	−53	−54	−54	−55	−56	−56	−56	19
8	−53	−53	−54	−54	−55	−56	−57	−58	−58	20
9	−49	−49	−50	−51	−52	−54	−55	−55	−56	21
10	−42	−42	−43	−45	−46	−47	−49	−50	−50	22
11	−32	−33	−34	−35	−36	−38	−39	−40	−41	23
12	−20	−20	−21	−23	−24	−26	−27	−28	−29	24

q, 1927 April 15

α \ δ	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	δ / α
0h	−49	−43	−31	−16	+ 1	+18	+33	+44	+50	12h
1	−52	−45	−33	−17	+ 2	+20	+37	+49	+55	13
2	−52	−45	−33	−16	+ 3	+22	+38	+51	+57	14
3	−48	−42	−30	−14	+ 3	+21	+37	+49	+55	15
4	−41	−36	−26	−12	+ 4	+20	+34	+44	+49	16
5	−31	−27	−19	− 8	+ 4	+17	+28	+36	+40	17
6	−19	−17	−11	− 4	+ 4	+13	+20	+25	+28	18
7	− 6	− 5	− 3	0	+ 4	+ 8	+11	+13	+14	19
8	+ 7	+ 7	+ 6	+ 5	+ 3	+ 2	+ 1	0	0	20
9	+20	+18	+14	+ 9	+ 3	− 4	− 9	−13	−15	21
10	+32	+28	+22	+12	+ 2	− 9	−18	−25	−29	22
11	+42	+37	+27	+15	0	−14	−26	−36	−41	23
12	+49	+43	+31	+16	− 1	−18	−33	−44	−50	24

r, 1927 April 15

α \ δ	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	
0h	+25	+31	+32	+30	+24	+15	+ 5	− 7	−17	12h
1	+23	+24	+22	+17	+10	+ 2	− 6	−13	−19	13
2	+21	+17	+11	+ 4	− 4	−11	−17	−21	−22	14
3	+18	+10	0	−10	−18	−24	−28	−28	−24	15
4	+16	+ 3	−10	−22	−31	−37	−38	−34	−27	16
5	+14	− 2	−18	−32	−42	−47	−46	−40	−29	17
6	+13	− 6	−24	−39	−50	−54	−52	−44	−30	18
7	+12	− 8	−28	−44	−54	−59	−56	−46	−31	19
8	+12	− 9	−28	−45	−55	−59	−56	−46	−31	20
9	+12	− 7	−26	−42	−52	−57	−54	−45	−30	21
10	+13	− 4	−21	−36	−46	−51	−49	−42	−29	22
11	+15	0	−14	−27	−36	−42	−42	−37	−28	23
12	+17	+ 7	− 5	−15	−24	−30	−32	−31	−25	24
	+80°	+60°	+40°	+20°	0°	−20°	−40°	−60°	−80°	α / δ

Bei der Tafel für r wird mit der Deklination für $0^h \leqq \alpha \leqq 12^h$ in die obere; für $12^h \leqq \alpha \leqq 24^h$ in die untere Argumentenzeile eingegangen.

Die Einheit der Tafelwerte ist 0.0001. Die Vorzeichen gelten für $0^h \leqq \alpha \leqq 12^h$; liegt α zwischen 12^h und 24^h, so sind bei allen Tafeln die Vorzeichen umzukehren.

Korr. $(\Delta\alpha)^s = p\,.\,\Delta\alpha^m\,.\,\sec\delta + q\,.\,\Delta\delta'\,.\,\frac{1}{15}\sec^2\delta$; Korr. $(\Delta\delta)'' = -q\,.\,15\,.\,\Delta\alpha^m + r\,.\,\Delta\delta'$

p, 1927 Mai 15

α \ δ	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	δ / α
0^h	+48	+48	+48	+48	+48	+48	+48	+48	+48	12^h
1	+38	+38	+38	+38	+38	+38	+38	+38	+38	13
2	+25	+25	+25	+25	+25	+25	+25	+25	+25	14
3	+11	+11	+11	+11	+11	+11	+11	+11	+11	15
4	− 5	− 5	− 5	− 5	− 5	− 4	− 4	− 4	− 4	16
5	−19	−19	−19	−19	−19	−19	−19	−19	−19	17
6	−33	−33	−33	−33	−33	−33	−33	−33	−33	18
7	−44	−44	−44	−44	−44	−44	−44	−44	−44	19
8	−52	−52	−52	−52	−52	−52	−52	−52	−52	20
9	−57	−57	−57	−57	−57	−57	−57	−57	−57	21
10	−58	−58	−58	−58	−58	−57	−57	−57	−57	22
11	−55	−55	−55	−55	−54	−54	−54	−54	−54	23
12	−48	−48	−48	−48	−48	−48	−48	−48	−48	24

q, 1927 Mai 15

α \ δ	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	δ / α
0^h	−32	−28	−21	−11	0	+11	+21	+28	+32	12^h
1	−43	−38	−28	−15	0	+15	+28	+38	+43	13
2	−52	−45	−34	−18	0	+18	+33	+45	+51	14
3	−56	−49	−37	−20	0	+19	+36	+49	+56	15
4	−57	−50	−37	−20	0	+19	+37	+50	+56	16
5	−54	−47	−35	−19	0	+18	+35	+47	+54	17
6	−47	−41	−31	−16	0	+16	+31	+41	+47	18
7	−37	−33	−24	−13	0	+13	+24	+33	+37	19
8	−24	−22	−16	− 8	0	+ 8	+16	+22	+24	20
9	−10	− 9	− 7	− 4	0	+ 4	+ 7	+ 9	+10	21
10	+ 4	+ 4	+ 3	+ 2	0	− 1	− 3	− 4	− 4	22
11	+19	+17	+12	+ 7	0	− 6	−12	−17	−19	23
12	+32	+28	+21	+11	0	−11	−21	−28	−32	24

r, 1927 Mai 15

α \ δ	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	
0^h	+22	+36	+46	+50	+48	+40	+27	+11	− 6	12^h
1	+20	+31	+38	+40	+38	+30	+20	+ 6	− 8	13
2	+18	+25	+28	+28	+25	+18	+10	0	−10	14
3	+16	+18	+17	+15	+11	+ 5	− 1	− 7	−12	15
4	+13	+10	+ 6	+ 1	− 4	− 9	−12	−14	−15	16
5	+11	+ 3	− 6	−13	−19	−23	−24	−22	−17	17
6	+ 8	− 4	−16	−26	−33	−36	−34	−29	−20	18
7	+ 6	−10	−25	−36	−44	−46	−43	−34	−22	19
8	+ 5	−14	−31	−44	−52	−54	−49	−38	−23	20
9	+ 4	−16	−34	−48	−57	−58	−53	−41	−24	21
10	+ 4	−16	−35	−49	−58	−59	−53	−41	−24	22
11	+ 5	−15	−33	−46	−54	−56	−51	−39	−23	23
12	+ 6	−11	−27	−40	−48	−50	−46	−36	−22	24
	+80°	+60°	+40°	+20°	0°	−20°	−40°	−60°	−80°	α / δ

Bei der Tafel für *r* wird mit der Deklination für $0^h \leqq \alpha \leqq 12^h$ in die **obere**, für $12^h \leqq \alpha \leqq 24^h$ in die **untere** Argumentenzeile eingegangen.

Die Einheit der Tafelwerte ist 0.0001. Die Vorzeichen gelten für $0^h \leqq \alpha \leqq 12^h$; liegt α zwischen 12^h und 24^h, so sind bei allen Tafeln die Vorzeichen umzukehren.

Korr. $(\Delta\alpha)^s = p \,.\, \Delta\alpha^m \,.\, \sec\delta + q \,.\, \Delta\delta' \,.\, \frac{1}{15} \sec^2\delta$; Korr. $(\Delta\delta)'' = -q \,.\, 15 \,.\, \Delta\alpha^m + r \,.\, \Delta\delta'$

p, 1927 Juni 15

α \ δ	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	δ / α
0h	+65	+64	+63	+61	+59	+57	+55	+54	+53	12h
1	+61	+60	+59	+57	+55	+53	+52	+50	+50	13
2	+53	+52	+51	+49	+48	+46	+45	+44	+43	14
3	+41	+40	+40	+38	+37	+36	+34	+33	+33	15
4	+26	+26	+25	+25	+24	+23	+22	+21	+21	16
5	+10	+10	+ 9	+ 9	+ 9	+ 8	+ 8	+ 8	+ 8	17
6	− 7	− 7	− 7	− 7	− 7	− 7	− 6	− 6	− 6	18
7	−24	−24	−23	−22	−22	−21	−20	−20	−20	19
8	−39	−38	−38	−37	−35	−34	−33	−32	−32	20
9	−51	−50	−49	−48	−46	−45	−43	−42	−42	21
10	−60	−59	−58	−56	−54	−53	−51	−50	−49	22
11	−65	−64	−63	−61	−59	−57	−55	−54	−53	23
12	−65	−64	−63	−61	−59	−57	−55	−54	−53	24

q, 1927 Juni 15

α \ δ	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	δ / α
0h	− 7	− 6	− 5	− 3	0	+ 2	+ 4	+ 5	+ 6	12h
1	−23	−21	−16	− 9	− 2	+ 5	+12	+17	+19	13
2	−38	−34	−26	−15	− 3	+ 9	+19	+27	+31	14
3	−50	−45	−34	−20	− 5	+11	+25	+36	+41	15
4	−59	−53	−40	−24	− 5	+13	+29	+42	+48	16
5	−64	−57	−44	−26	− 6	+14	+32	+45	+52	17
6	−64	−57	−44	−26	− 6	+14	+32	+45	+52	18
7	−60	−54	−41	−25	− 6	+13	+30	+42	+49	19
8	−52	−46	−36	−21	− 5	+11	+26	+36	+42	20
9	−40	−36	−28	−17	− 4	+ 9	+20	+28	+32	21
10	−26	−23	−18	−11	− 3	+ 5	+13	+18	+21	22
11	−10	− 9	− 7	− 4	− 1	+ 2	+ 5	+ 6	+ 8	23
12	+ 7	+ 6	+ 5	+ 3	0	− 2	− 4	− 5	− 6	24

r, 1927 Juni 15

α \ δ	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	
0h	+13	+32	+47	+57	+59	+55	+43	+27	+ 7	12h
1	+12	+30	+44	+53	+55	+51	+40	+25	+ 7	13
2	+11	+26	+38	+46	+48	+44	+35	+21	+ 5	14
3	+ 9	+21	+30	+36	+37	+34	+26	+16	+ 3	15
4	+ 7	+14	+20	+23	+24	+21	+16	+ 9	+ 1	16
5	+ 4	+ 7	+ 9	+ 9	+ 9	+ 7	+ 5	+ 2	− 1	17
6	+ 2	− 1	− 3	− 5	− 7	− 7	− 7	− 6	− 4	18
7	− 1	− 8	−15	−19	−22	−21	−19	−13	− 7	19
8	− 3	−15	−25	−32	−35	−34	−29	−20	− 9	20
9	− 5	−21	−34	−43	−46	−45	−37	−26	−11	21
10	− 7	−25	−40	−50	−54	−52	−44	−30	−12	22
11	− 7	−27	−43	−54	−59	−56	−47	−32	−13	23
12	− 7	−27	−43	−55	−59	−57	−47	−32	−13	24
	+80°	+60°	+40°	+20°	0°	−20°	−40°	−60°	−80°	α \ δ

Bei der Tafel für r wird mit der Deklination für $0^h \leqq \alpha \leqq 12^h$ in die obere, für $12^h \leqq \alpha \leqq 24^h$ in die untere Argumentenzeile eingegangen.

Die Einheit der Tafelwerte ist 0.0001. Die Vorzeichen gelten für $0^h \leqq \alpha \leqq 12^h$; liegt α zwischen 12^h und 24^h, so sind bei allen Tafeln die Vorzeichen umzukehren.

Korr. $(\Delta\alpha)^s = p \,.\, \Delta\alpha^m \,.\, \sec\delta + q \,.\, \Delta\delta' \,.\, \frac{1}{15} \sec^2\delta$; Korr. $(\Delta\delta)'' = -q \,.\, 15 \,.\, \Delta\alpha^m + r \,.\, \Delta\delta'$

p, 1927 Juli 15

δ / α	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	δ / α
0ʰ	+67	+66	+63	+59	+55	+51	+48	+45	+43	12ʰ
1	+70	+69	+66	+63	+59	+55	+51	+48	+47	13
2	+69	+67	+65	+62	+58	+54	+51	+49	+47	14
3	+62	+61	+59	+56	+53	+50	+47	+45	+44	15
4	+52	+51	+49	+47	+45	+43	+41	+39	+38	16
5	+37	+37	+36	+35	+34	+32	+31	+30	+30	17
6	+21	+21	+20	+20	+20	+20	+19	+19	+19	18
7	+ 2	+ 3	+ 3	+ 4	+ 5	+ 6	+ 7	+ 7	+ 7	19
8	−16	−15	−14	−12	−10	− 8	− 7	− 5	− 5	20
9	−33	−32	−30	−28	−25	−22	−20	−18	−17	21
10	−48	−47	−44	−41	−38	−34	−31	−29	−28	22
11	−60	−58	−56	−52	−48	−44	−41	−38	−37	23
12	−67	−66	−63	−59	−55	−51	−48	−45	−43	24

q, 1927 Juli 15

δ / α	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	δ / α
0ʰ	+20	+18	+14	+ 7	+ 1	− 6	−12	−17	−19	12ʰ
1	+ 2	+ 2	+ 1	− 1	− 2	− 4	− 6	− 7	− 7	13
2	−16	−14	−12	− 9	− 5	− 2	+ 1	+ 3	+ 5	14
3	−33	−30	−24	−17	− 8	0	+ 8	+13	+16	15
4	−47	−43	−35	−23	−10	+ 3	+14	+23	+27	16
5	−59	−53	−43	−28	−11	+ 5	+20	+30	+36	17
6	−67	−60	−48	−31	−12	+ 7	+23	+36	+42	18
7	−70	−63	−50	−32	−12	+ 8	+26	+39	+46	19
8	−68	−61	−48	−31	−11	+ 9	+26	+39	+46	20
9	−62	−55	−43	−27	− 9	+ 9	+25	+37	+43	21
10	−51	−46	−36	−22	− 7	+ 9	+22	+32	+38	22
11	−37	−33	−25	−15	− 4	+ 8	+18	+25	+29	23
12	−20	−18	−14	− 7	− 1	+ 6	+12	+17	+19	24

r, 1927 Juli 15

δ / α	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	
0ʰ	+ 1	+20	+37	+49	+55	+55	+48	+35	+18	12ʰ
1	+ 2	+22	+39	+52	+59	+58	+51	+37	+19	13
2	+ 2	+21	+39	+52	+58	+58	+50	+36	+19	14
3	+ 1	+19	+35	+47	+53	+53	+46	+34	+18	15
4	− 1	+15	+29	+39	+45	+45	+40	+30	+16	16
5	− 3	+ 9	+20	+29	+34	+35	+31	+24	+14	17
6	− 5	+ 2	+10	+16	+20	+22	+21	+17	+12	18
7	− 8	− 5	− 2	+ 2	+ 5	+ 8	+ 9	+10	+ 9	19
8	−10	−13	−13	−13	−10	− 7	− 2	+ 2	+ 7	20
9	−13	−20	−25	−26	−25	−20	−14	− 5	+ 4	21
10	−15	−26	−35	−39	−38	−33	−23	−11	+ 2	22
11	−17	−32	−43	−48	−48	−42	−31	−17	0	23
12	−18	−35	−48	−55	−55	−49	−37	−20	− 1	24
	+80°	+60°	+40°	+20°	0°	−20°	−40°	−60°	−80°	α / δ

Bei der Tafel für *r* wird mit der Deklination für $0^h \leqq \alpha \leqq 12^h$ in die obere, für $12^h \leqq \alpha \leqq 24^h$ in die untere Argumentenzeile eingegangen.

Die Einheit der Tafelwerte ist 0.0001. Die Vorzeichen gelten für $0^h \leqq \alpha \leqq 12^h$; liegt α zwischen 12^h und 24^h, so sind bei allen Tafeln die Vorzeichen umzukehren.

Korr. $(\Delta\alpha)^s = p \,.\, \Delta\alpha^m \,.\, \sec\delta + q \,.\, \Delta\delta' \,.\, \frac{1}{15} \sec^2\delta$; Korr. $(\Delta\delta)'' = -q \,.\, 15 \,.\, \Delta\alpha^m + r \,.\, \Delta\delta'$

p, 1927 August 15

α \ δ	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	δ / α
0h	+54	+52	+49	+43	+37	+31	+26	+22	+20	12h
1	+64	+62	+58	+53	+47	+41	+36	+32	+30	13
2	+70	+68	+64	+59	+54	+48	+43	+39	+37	14
3	+71	+69	+66	+61	+56	+51	+47	+44	+42	15
4	+67	+65	+63	+59	+55	+52	+48	+46	+44	16
5	+58	+57	+55	+53	+51	+48	+46	+44	+43	17
6	+45	+45	+44	+43	+42	+41	+41	+40	+39	18
7	+30	+30	+30	+31	+31	+32	+32	+33	+33	19
8	+12	+13	+14	+16	+18	+20	+22	+23	+24	20
9	−6	−5	−3	0	+4	+7	+10	+12	+14	21
10	−25	−23	−20	−16	−11	−6	−2	+1	+2	22
11	−41	−39	−35	−30	−25	−19	−15	−11	−9	23
12	−54	−52	−49	−43	−37	−31	−26	−22	−20	24

q, 1927 August 15

α \ δ	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	δ / α
0h	+45	+40	+30	+17	+3	−11	−24	−34	−39	12h
1	+29	+25	+18	+9	−2	−12	−22	−29	−33	13
2	+12	+10	+5	0	−6	−12	−18	−22	−24	14
3	−7	−7	−8	−9	−10	−11	−13	−13	−14	15
4	−25	−23	−21	−17	−14	−10	−7	−4	−3	16
5	−41	−38	−32	−25	−16	−7	0	+6	+8	17
6	−54	−50	−41	−30	−17	−5	+6	+15	+19	18
7	−64	−58	−48	−34	−18	−2	+13	+23	+29	19
8	−69	−63	−51	−35	−17	+2	+18	+30	+36	20
9	−70	−63	−51	−34	−14	+5	+22	+34	+41	21
10	−66	−59	−47	−30	−11	+8	+24	+37	+43	22
11	−57	−51	−40	−25	−7	+10	+25	+36	+42	23
12	−45	−40	−30	−17	−3	+11	+24	+34	+39	24

r, 1927 August 15

α \ δ	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	
0h	−12	+3	+17	+29	+37	+41	+40	+35	+25	12h
1	−10	+7	+24	+38	+47	+51	+48	+39	+26	13
2	−9	+11	+29	+44	+54	+57	+53	+43	+27	14
3	−8	+12	+31	+47	+56	+59	+55	+44	+28	15
4	−8	+12	+31	+46	+55	+58	+54	+44	+28	16
5	−9	+9	+27	+41	+51	+54	+51	+41	+27	17
6	−11	+5	+21	+34	+42	+46	+44	+37	+26	18
7	−13	0	+12	+23	+31	+36	+36	+32	+24	19
8	−15	−7	+2	+11	+18	+23	+26	+25	+21	20
9	−18	−14	−9	−3	+4	+10	+15	+18	+19	21
10	−20	−21	−20	−17	−11	−4	+3	+10	+16	22
11	−22	−28	−31	−30	−25	−17	−7	+3	+14	23
12	−25	−35	−40	−41	−37	−29	−17	−3	+12	24
	+80°	+60°	+40°	+20°	0°	−20°	−40°	−60°	−80°	α / δ

Bei der Tafel für r wird mit der Deklination für $0^h \leqq \alpha \leqq 12^h$ in die obere, für $12^h \leqq \alpha \leqq 24^h$ in die untere Argumentenzeile eingegangen.

Die Einheit der Tafelwerte ist 0.0001. Die Vorzeichen gelten für $0^h \leqq \alpha \leqq 12^h$; liegt α zwischen 12^h und 24^h, so sind bei allen Tafeln die Vorzeichen umzukehren.

Korr. $(\Delta\alpha)^s = p \,.\, \Delta\alpha^m \,.\, \sec\delta + q \,.\, \Delta\delta' \,.\, \frac{1}{15} \sec^2\delta$; Korr. $(\Delta\delta)'' = -q \,.\, 15 \,.\, \Delta\alpha^m + r \,.\, \Delta\delta'$

p, 1927 September 15

α \ δ	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	δ / α
0h	+30	+28	+23	+17	+ 9	+ 2	− 5	− 9	−12	12h
1	+44	+42	+37	+30	+23	+15	+ 9	+ 4	+ 1	13
2	+56	+53	+48	+42	+35	+28	+21	+17	+14	14
3	+63	+61	+57	+51	+45	+38	+33	+28	+26	15
4	+66	+64	+61	+56	+51	+46	+42	+38	+36	16
5	+65	+63	+61	+58	+54	+51	+48	+46	+44	17
6	+59	+58	+57	+56	+54	+52	+51	+50	+49	18
7	+49	+49	+49	+49	+50	+50	+50	+51	+51	19
8	+36	+37	+38	+40	+42	+44	+46	+48	+49	20
9	+20	+22	+24	+28	+32	+36	+39	+42	+43	21
10	+ 3	+ 5	+ 9	+14	+19	+25	+29	+33	+35	22
11	−14	−12	− 7	− 2	+ 5	+12	+18	+22	+24	23
12	−30	−28	−23	−17	− 9	− 2	+ 5	+ 9	+12	24

q, 1927 September 15

α \ δ	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	δ / α
0h	+58	+52	+40	+23	+ 5	−14	−30	−42	−48	12h
1	+48	+42	+31	+16	− 1	−18	−33	−44	−50	13
2	+35	+30	+21	+ 8	− 6	−21	−34	−43	−48	14
3	+19	+16	+ 9	− 1	−12	−22	−32	−39	−43	15
4	+ 3	0	− 4	−10	−16	−23	−28	−33	−35	16
5	−14	−15	−16	−18	−19	−21	−23	−24	−24	17
6	−31	−29	−27	−25	−21	−18	−16	−13	−12	18
7	−44	−42	−37	−30	−22	−14	− 7	− 2	0	19
8	−55	−51	−43	−33	−21	− 9	+ 1	+ 9	+13	20
9	−62	−57	−47	−34	−19	− 3	+10	+20	+25	21
10	−65	−59	−48	−32	−15	+ 2	+18	+29	+35	22
11	−64	−57	−45	−29	−10	+ 8	+25	+37	+43	23
12	−58	−52	−40	−23	− 5	+14	+30	+42	+48	24

r, 1927 September 15

α \ δ	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	
0h	−21	−16	− 8	+ 1	+ 9	+17	+22	+25	+25	12h
1	−19	− 9	+ 2	+13	+23	+29	+32	+32	+27	13
2	−17	− 3	+12	+25	+35	+41	+42	+38	+29	14
3	−15	+ 2	+19	+34	+45	+50	+49	+43	+31	15
4	−14	+ 5	+24	+40	+51	+56	+54	+46	+32	16
5	−13	+ 7	+27	+43	+54	+59	+57	+47	+32	17
6	−14	+ 7	+26	+43	+54	+59	+56	+47	+32	18
7	−14	+ 5	+23	+39	+50	+55	+53	+45	+32	19
8	−16	+ 1	+17	+32	+42	+48	+47	+41	+30	20
9	−18	− 4	+ 9	+22	+32	+38	+39	+36	+28	21
10	−20	−11	0	+10	+19	+26	+30	+30	+26	22
11	−22	−18	−11	− 3	+ 5	+13	+19	+23	+24	23
12	−25	−25	−22	−17	− 9	− 1	+ 8	+16	+21	24
	+80°	+60°	+40°	+20°	0°	−20°	−40°	−60°	−80°	α / δ

Bei der Tafel für r wird mit der Deklination für $0^h \leqq \alpha \leqq 12^h$ in die obere, für $12^h \leqq \alpha \leqq 24^h$ in die untere Argumentenzeile eingegangen.

Die Einheit der Tafelwerte ist 0.0001 Die Vorzeichen gelten für $0^h \leqq \alpha \leqq 12^h$; liegt α zwischen 12^h und 24^h, so sind bei allen Tafeln die Vorzeichen umzukehren.

Korr. $(\Delta\alpha)^s = p \,.\, \Delta\alpha^m \,.\, \sec\delta + q \,.\, \Delta\delta' \,.\, \frac{1}{15} \sec^2\delta$; Korr. $(\Delta\delta)'' = -q \,.\, 15 \,.\, \Delta\alpha^m + r \,.\, \Delta\delta'$

p, 1927 Oktober 15

δ / α	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	δ / α
0^h	+ 3	+ 1	− 5	−12	−21	−29	−37	−43	−45	12^h
1	+18	+15	+ 9	+ 2	− 7	−16	−23	−29	−32	13
2	+31	+28	+23	+16	+ 7	− 1	− 8	−14	−16	14
3	+42	+40	+35	+29	+21	+14	+ 7	+ 3	0	15
4	+50	+48	+45	+40	+34	+28	+23	+19	+17	16
5	+55	+54	+51	+48	+44	+40	+36	+34	+33	17
6	+56	+56	+54	+53	+51	+49	+48	+46	+46	18
7	+53	+54	+54	+54	+55	+55	+56	+56	+56	19
8	+47	+48	+50	+52	+55	+57	+60	+62	+63	20
9	+37	+39	+42	+46	+51	+56	+60	+63	+65	21
10	+25	+27	+31	+37	+44	+50	+56	+60	+62	22
11	+11	+14	+19	+26	+33	+41	+48	+53	+56	23
12	− 3	− 1	+ 5	+12	+21	+29	+37	+43	+45	24

q, 1927 Oktober 15

δ / α	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	δ / α
0^h	+56	+50	+38	+23	+ 5	−12	−28	−39	−45	12^h
1	+53	+46	+34	+17	− 1	−20	−37	−49	−55	13
2	+46	+40	+27	+11	− 8	−27	−43	−55	−62	14
3	+36	+30	+19	+ 3	−14	−31	−47	−58	−64	15
4	+24	+19	+ 9	− 4	−19	−34	−47	−57	−62	16
5	+10	+ 6	− 1	−11	−23	−34	−44	−52	−56	17
6	− 4	− 7	−11	−18	−25	−32	−38	−43	−46	18
7	−18	−19	−21	−23	−25	−28	−30	−31	−32	19
8	−31	−31	−29	−27	−24	−22	−19	−18	−17	20
9	−42	−40	−35	−29	−21	−14	− 8	− 3	0	21
10	−50	−46	−39	−29	−17	− 5	+ 5	+12	+16	22
11	−55	−49	−40	−26	−11	+ 3	+17	+26	+32	23
12	−56	−50	−38	−23	− 5	+12	+28	+39	+45	24

r, 1927 Oktober 15

δ / α	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	
0^h	−26	−30	−30	−27	−21	−12	− 2	+ 9	+18	12^h
1	−23	−23	−20	−14	− 7	+ 1	+ 9	+16	+21	13
2	−21	−15	− 9	− 1	+ 7	+15	+20	+23	+23	14
3	−18	− 9	+ 2	+12	+21	+28	+31	+30	+26	15
4	−16	− 2	+12	+24	+34	+39	+40	+36	+28	16
5	−14	+ 3	+19	+34	+44	+49	+48	+41	+29	17
6	−13	+ 6	+25	+40	+51	+56	+53	+45	+31	18
7	−12	+ 8	+28	+44	+55	+59	+56	+47	+31	19
8	−12	+ 8	+28	+44	+55	+59	+56	+47	+31	20
9	−13	+ 6	+25	+40	+51	+55	+53	+45	+31	21
10	−14	+ 3	+19	+33	+44	+49	+48	+41	+29	22
11	−16	− 2	+11	+24	+33	+39	+40	+36	+28	23
12	−18	− 9	+ 2	+12	+21	+27	+30	+30	+26	24
	+80°	+60°	+40°	+20°	0°	−20°	−40°	−60°	−80°	α / δ

Bei der Tafel für *r* wird mit der Deklination für $0^h \leqq \alpha \leqq 12^h$ in die obere, für $12^h \leqq \alpha \leqq 24^h$ in die untere Argumentenzeile eingegangen.

Die Einheit der Tafelwerte ist 0.0001. Die Vorzeichen gelten für $0^h \leqq \alpha \leqq 12^h$; liegt α zwischen 12^h und 24^h, so sind bei allen Tafeln die Vorzeichen umzukehren.

Korr. $(\Delta\alpha)^s = p \cdot \Delta\alpha^m \cdot \sec\delta + q \cdot \Delta\delta' \cdot \frac{1}{15} \sec^2\delta$; Korr. $(\Delta\delta)'' = -q \cdot 15 \cdot \Delta\alpha^m + r \cdot \Delta\delta'$

Reduktionsgrößen 1927

p, 1927 November 15

α \ δ	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	δ / α
0^h	−17	−21	−28	−37	−47	−57	−66	−72	−76	12^h
1	−7	−11	−17	−26	−36	−46	−55	−62	−66	13
2	+4	+1	−6	−14	−23	−33	−41	−48	−51	14
3	+15	+12	+6	−1	−9	−17	−24	−30	−33	15
4	+24	+22	+18	+12	+6	0	−6	−10	−12	16
5	+32	+31	+28	+25	+21	+17	+13	+10	+9	17
6	+38	+38	+37	+35	+34	+32	+31	+30	+30	18
7	+41	+42	+43	+44	+45	+46	+47	+48	+48	19
8	+42	+43	+46	+49	+53	+56	+60	+62	+63	20
9	+39	+42	+46	+51	+57	+63	+68	+72	+74	21
10	+34	+37	+42	+49	+57	+65	+72	+78	+80	22
11	+27	+30	+36	+44	+54	+63	+71	+78	+81	23
12	+17	+21	+28	+37	+47	+57	+66	+72	+76	24

q, 1927 November 15

α \ δ	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	δ / α
0^h	+38	+34	+26	+16	+4	−7	−17	−25	−29	12^h
1	+41	+35	+25	+12	−3	−19	−32	−42	−47	13
2	+41	+35	+23	+7	−11	−29	−45	−57	−63	14
3	+38	+32	+19	+2	−18	−37	−54	−67	−74	15
4	+33	+26	+13	−4	−23	−43	−60	−73	−80	16
5	+26	+19	+7	−9	−27	−46	−62	−74	−80	17
6	+16	+11	0	−14	−30	−46	−60	−70	−76	18
7	+6	+2	−6	−17	−30	−42	−53	−61	−65	19
8	−5	−7	−13	−20	−28	−36	−43	−48	−51	20
9	−15	−16	−18	−21	−24	−27	−30	−32	−33	21
10	−24	−24	−22	−21	−19	−16	−15	−13	−13	22
11	−32	−30	−25	−19	−12	−5	+1	+6	+8	23
12	−38	−34	−26	−16	−4	+7	+17	+25	+29	24

r, 1927 November 15

α \ δ	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	
0^h	−23	−36	−45	−49	−47	−39	−26	−11	+6	12^h
1	−21	−31	−37	−39	−36	−29	−18	−5	+8	13
2	−19	−24	−27	−27	−23	−17	−8	+1	+10	14
3	−16	−17	−16	−13	−9	−3	+3	+8	+13	15
4	−13	−10	−5	+1	+6	+11	+14	+16	+15	16
5	−11	−2	+6	+14	+21	+24	+25	+23	+18	17
6	−9	+4	+16	+27	+34	+37	+35	+30	+20	18
7	−7	+10	+25	+37	+45	+47	+44	+35	+22	19
8	−5	+14	+31	+44	+53	+54	+50	+39	+24	20
9	−5	+16	+34	+49	+57	+59	+53	+41	+24	21
10	−4	+16	+34	+49	+57	+59	+53	+41	+24	22
11	−5	+14	+32	+46	+54	+56	+51	+40	+24	23
12	−6	+11	+26	+39	+47	+49	+45	+36	+23	24
	+80°	+60°	+40°	+20°	0°	−20°	−40°	−60°	−80°	α / δ

Bei der Tafel für *r* wird mit der Deklination für $0^h \leqq \alpha \leqq 12^h$ in die **obere**, für $12^h \leqq \alpha \leqq 24^h$ in die **untere** Argumentenzeile eingegangen.

Die Einheit der Tafelwerte ist 0.0001. Die Vorzeichen gelten für $0^h \leqq \alpha \leqq 12^h$; liegt α zwischen 12^h und 24^h, so sind bei allen Tafeln die Vorzeichen umzukehren.

Korr. $(\Delta\alpha)^s = p \, . \, \Delta\alpha^m \, . \sec\delta + q \, . \, \Delta\delta' \, . \frac{1}{15} \sec^2\delta$; Korr. $(\Delta\delta)'' = -q \, . \, 15 \, . \, \Delta\alpha^m + r \, . \, \Delta\delta'$

p, 1927 Dezember 15

δ / α	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	δ / α
0^h	−24	−28	−36	−47	−59	−71	−82	−90	−94	12^h
1	−20	−24	−32	−43	−55	−67	−78	−86	−90	13
2	−15	−19	−26	−36	−47	−58	−68	−76	−79	14
3	− 9	−12	−18	−27	−36	−46	−54	−60	−64	15
4	− 2	− 4	− 9	−16	−23	−30	−37	−41	−44	16
5	+ 5	+ 3	0	− 3	− 8	−12	−16	−19	−21	17
6	+11	+11	+10	+ 9	+ 8	+ 6	+ 5	+ 4	+ 4	18
7	+17	+18	+19	+21	+23	+24	+26	+27	+28	19
8	+22	+24	+27	+31	+36	+41	+45	+48	+50	20
9	+25	+28	+33	+39	+47	+55	+61	+66	+69	21
10	+26	+30	+36	+45	+55	+65	+73	+80	+83	22
11	+26	+30	+37	+47	+59	+70	+80	+88	+92	23
12	+24	+28	+36	+47	+59	+71	+82	+90	+94	24

q, 1927 Dezember 15

δ / α	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	δ / α
0^h	+11	+11	+ 9	+ 7	+ 4	+ 1	− 1	− 3	− 3	12^h
1	+17	+14	+ 9	+ 2	− 5	−13	−20	−25	−28	13
2	+21	+17	+ 9	− 2	−14	−27	−37	−46	−50	14
3	+24	+18	+ 8	− 6	−22	−38	−53	−63	−69	15
4	+25	+19	+ 6	−10	−29	−48	−64	−76	−83	16
5	+25	+18	+ 4	−13	−33	−53	−71	−84	−91	17
6	+22	+15	+ 2	−15	−36	−56	−73	−87	−94	18
7	+19	+12	0	−17	−35	−54	−71	−83	−90	19
8	+14	+ 8	− 2	−17	−33	−49	−63	−74	−79	20
9	+ 8	+ 3	− 5	−16	−28	−40	−51	−59	−64	21
10	+ 1	− 1	− 7	−13	−21	−29	−36	−41	−44	22
11	− 5	− 6	− 8	−10	−13	−16	−18	−20	−21	23
12	−11	−11	− 9	− 7	− 4	− 1	+ 1	+ 3	+ 3	24

r, 1927 Dezember 15

δ / α	−80°	−60°	−40°	−20°	0°	+20°	+40°	+60°	+80°	
0^h	−14	−32	−47	−57	−59	−54	−43	−27	− 7	12^h
1	−13	−30	−44	−53	−55	−51	−40	−25	− 6	13
2	−11	−26	−38	−45	−47	−43	−34	−21	− 5	14
3	−10	−21	−30	−35	−36	−33	−26	−15	− 3	15
4	− 7	−14	−20	−23	−23	−20	−15	− 8	− 1	16
5	− 5	− 7	− 8	− 8	− 8	− 6	− 4	− 1	+ 2	17
6	− 2	+ 1	+ 4	+ 6	+ 8	+ 8	+ 8	+ 7	+ 5	18
7	+ 1	+ 8	+15	+20	+23	+22	+19	+14	+ 7	19
8	+ 3	+15	+26	+33	+36	+35	+30	+21	+10	20
9	+ 5	+21	+34	+43	+47	+45	+38	+26	+11	21
10	+ 6	+24	+40	+50	+55	+53	+44	+30	+13	22
11	+ 7	+26	+43	+54	+59	+56	+47	+32	+13	23
12	+ 7	+27	+43	+54	+59	+57	+47	+32	+14	24
	+80°	+60°	+40°	+20°	0°	−20°	−40°	−60°	−80°	α / δ

Bei der Tafel für *r* wird mit der Deklination für $0^h \leqq \alpha \leqq 12^h$ in die obere, für $12^h \leqq \alpha \leqq 24^h$ in die untere Argumentenzeile eingegangen.

Die Einheit der Tafelwerte ist 0.0001. Die Vorzeichen gelten für $0^h \leqq \alpha \leqq 12^h$; liegt α zwischen 12^h und 24^h, so sind bei allen Tafeln die Vorzeichen umzukehren.

Korr. $(\Delta\alpha)^s = p \,.\, \Delta\alpha^m \,.\, \sec\delta + q \,.\, \Delta\delta' \,.\, \frac{1}{15} \sec^2\delta$; Korr. $(\Delta\delta)'' = -q \,.\, 15 \,.\, \Delta\alpha^m + r \,.\, \Delta\delta'$

0^h Welt-Zeit	Rechtwinklige Sonnenkoordinaten, bezogen auf das Äquinoktium 1925.0			Reduktion von dem mittleren Äquinoktium 1925.0 auf das jedesmalige wahre Äquinoktium		
	X	*Y*	*Z*	*f*	log *g*	*G*
1927				s		h m s
Jan. 0	+0.145938	−0.892122	−0.386957	+5.108	1.52349	0 10 50
4	0.214727	0.880325	0.381843	5.152	1.52718	0 10 19
8	0.282440	0.864122	0.374817	5.196	1.53076	0 9 44
12	0.348723	0.843613	0.365921	5.239	1.53426	0 9 6
16	0.413250	0.818921	0.355209	5.280	1.53764	0 8 25
20	+0.475723	−0.790180	−0.342740	+5.321	1.54090	0 7 42
24	0.535851	0.757525	0.328575	5.360	1.54403	0 6 57
28	0.593343	0.721108	0.312780	5.397	1.54701	0 6 12
Febr. 1	0.647907	0.681097	0.295429	5.433	1.54986	0 5 26
5	0.699255	0.637696	0.276605	5.468	1.55258	0 4 40
9	+0.747124	−0.591144	−0.256413	+5.501	1.55515	0 3 55
13	0.791295	0.541696	0.234962	5.532	1.55760	0 3 12
17	0.831578	0.489606	0.212366	5.562	1.55993	0 2 30
21	0.867803	0.435123	0.188733	5.590	1.56214	0 1 51
25	0.899803	0.378504	0.164177	5.617	1.56423	0 1 14
März 1	+0.927421	−0.320017	−0.138811	+5.643	1.56622	0 0 40
5	0.950514	0.259953	0.112759	5.668	1.56814	0 0 10
9	0.968969	0.198629	0.086159	5.692	1.56999	23 59 44
13	0.982725	0.136365	0.059149	5.716	1.57178	23 59 21
17	0.991752	0.073464	0.031864	5.739	1.57353	23 59 3
21	+0.996035	−0.010216	−0.004430	+5.762	1.57527	23 58 48
25	0.995569	+0.053092	+0.023028	5.785	1.57700	23 58 38
29	0.990358	0.116168	0.050384	5.808	1.57872	23 58 31
April 2	0.980420	0.178709	0.077510	5.831	1.58047	23 58 29
6	0.965808	0.240399	0.104270	5.855	1.58226	23 58 29
10	+0.946626	+0.300931	+0.130529	+5.880	1.58409	23 58 33
14	0.922999	0.360029	0.156164	5.906	1.58599	23 58 39
18	0.895065	0.417435	0.181063	5.933	1.58796	23 58 49
22	0.862964	0.472902	0.205120	5.961	1.58999	23 59 0
26	0.826844	0.526188	0.228230	5.990	1.59211	23 59 12
30	+0.786863	+0.577044	+0.250289	+6.021	1.59431	23 59 25
Mai 4	0.743213	0.625221	0.271188	6.053	1.59662	23 59 40
8	0.696125	0.670489	0.290826	6.086	1.59902	23 59 54
12	0.645848	0.712654	0.309116	6.121	1.60149	0 0 7
16	+0.592628	+0.751547	+0.325985	+6.157	1.60405	0 0 19

0h Welt-Zeit	Rechtwinklige Sonnenkoordinaten, bezogen auf das Äquinoktium 1925.0			Reduktion von dem mittleren Äquinoktium 1925.0 auf das jedesmalige wahre Äquinoktium		
	X	*Y*	*Z*	*f*	log *g*	*G*
1927				s		h m s
Mai 16	+0.592628	+0.751547	+0.325985	+6.157	1.60405	0 0 19
20	0.536710	0.787014	0.341366	6.195	1.60668	0 0 30
24	0.478339	0.818909	0.355199	6.233	1.60938	0 0 39
28	0.417765	0.847083	0.367419	6.273	1.61213	0 0 47
Juni 1	0.355268	0.871394	0.377967	6.314	1.61494	0 0 52
5	+0.291154	+0.891726	+0.386789	+6.355	1.61779	0 0 55
9	0.225740	0.908004	0.393850	6.398	1.62067	0 0 55
13	0.159326	0.920177	0.399129	6.441	1.62357	0 0 52
17	0.092205	0.928211	0.402611	6.484	1.62647	0 0 46
21	+0.024662	0.932076	0.404286	6.527	1.62938	0 0 37
25	−0.043017	+0.931745	+0.404143	+6.571	1.63227	0 0 25
29	0.110523	0.927202	0.402175	6.614	1.63513	0 0 10
Juli 3	0.177530	0.918459	0.398385	6.657	1.63795	23 59 53
7	0.243720	0.905568	0.392794	6.700	1.64072	23 59 33
11	0.308789	0.888606	0.385435	6.742	1.64343	23 59 10
15	−0.372457	+0.867660	+0.376347	+6.783	1.64608	23 58 46
19	0.434457	0.842824	0.365573	6.823	1.64865	23 58 19
23	0.494524	0.814191	0.353155	6.863	1.65115	23 57 51
27	0.552376	0.781865	0.339136	6.901	1.65357	23 57 22
31	0.607728	0.745984	0.323575	6.938	1.65591	23 56 52
Aug. 4	−0.660310	+0.706719	+0.306544	+6.974	1.65814	23 56 21
8	0.709878	0.664261	0.288126	7.008	1.66030	23 55 50
12	0.756216	0.618807	0.268408	7.041	1.66236	23 55 20
16	0.799129	0.570558	0.247478	7.073	1.66434	23 54 50
20	0.838426	0.519707	0.225423	7.103	1.66623	23 54 21
24	−0.873906	+0.466462	+0.202331	+7.132	1.66803	23 53 53
28	0.905376	0.411060	0.178302	7.160	1.66975	23 53 27
Sept. 1	0.932667	0.353765	0.153450	7.187	1.67140	23 53 2
5	0.955644	0.294852	0.127895	7.213	1.67298	23 52 40
9	0.974204	0.234599	0.101758	7.238	1.67451	23 52 20
13	−0.988270	+0.173276	+0.075159	+7.263	1.67601	23 52 3
17	0.997769	0.111144	0.048211	7.287	1.67746	23 51 48
21	1.002628	+0.048471	+0.021029	7.311	1.67888	23 51 37
25	1.002787	−0.014446	−0.006260	7.334	1.68028	23 51 28
29	−0.998218	−0.077299	−0.033523	+7.358	1.68168	23 51 22

0^h Welt-Zeit	Rechtwinklige Sonnenkoordinaten, bezogen auf das Äquinoktium 1925.0			Reduktion von dem mittleren Äquinoktium 1925.0 auf das jedesmalige wahre Äquinoktium		
	X	*Y*	*Z*	*f*	log *g*	*G*
1927						
Sept. 29	−0.998218	−0.077299	−0.033523	+7.358 s	1.68168	23h 51m 22s
Okt. 3	0.988932	0.139774	0.060624	7.382	1.68309	23 51 20
7	0.974973	0.201567	0.087428	7.406	1.68452	23 51 20
11	0.956412	0.262390	0.113810	7.431	1.68598	23 51 23
15	0.933327	0.321973	0.139652	7.457	1.68749	23 51 29
19	−0.905793	−0.380043	−0.164837	+7.484	1.68905	23 51 37
23	0.873906	0.436308	0.189241	7.512	1.69067	23 51 47
27	0.837796	0.490476	0.212738	7.541	1.69234	23 51 58
31	0.797632	0.542263	0.235203	7.572	1.69409	23 52 11
Nov. 4	0.753614	0.591406	0.256521	7.604	1.69593	23 52 25
8	−0.705960	−0.637669	−0.276586	+7.638	1.69785	23 52 39
12	0.654896	0.680839	0.295309	7.674	1.69985	23 52 53
16	0.600637	0.720710	0.312601	7.711	1.70193	23 53 7
20	0.543421	0.757068	0.328370	7.749	1.70408	23 53 20
24	0.483517	0.789708	0.342530	7.789	1.70631	23 53 32
28	−0.421223	−0.818446	−0.354998	+7.831	1.70860	23 53 42
Dez. 2	0.356860	0.843130	0.365706	7.873	1.71094	23 53 50
6	0.290757	0.863643	0.374602	7.917	1.71333	23 53 56
10	0.223238	0.879896	0.381650	7.962	1.71578	23 54 0
14	0.154612	0.891813	0.386817	8.007	1.71825	23 54 1
18	−0.085198	−0.899315	−0.390071	+8.053	1.72074	23 53 59
22	−0.015340	0.902343	0.391387	8.099	1.72322	23 53 54
26	+0.054604	0.900866	0.390748	8.145	1.72569	23 53 46
30	0.124266	0.894887	0.388156	8.192	1.72815	23 53 36
32	+0.158878	−0.890221	−0.386133	+8.214	1.72937	23 53 30

$$\text{Red. in } \alpha = f + {}^{1}\!/\!_{15}\, g \sin(G + \alpha) \operatorname{tg} \delta$$
$$\text{Red. in } \delta = g \cos(G + \alpha)$$

Für α und δ sind ihre genäherten Werte für das Äquinoktium $\frac{t_1 + t_2}{2}$ zu setzen (t_1 das jedesmalige wahre Äquinoktium, t_2 das Normaläquinoktium 1925.0)

Korrektion der Reduktion vom mittleren Äquinoktium 1925.0 auf das jedesmalige wahre Äquinoktium (s. S. 382/384), berechnet für 1927.5, mit Hinzufügung ihrer einjährigen Änderung

α	δ +60°	δ +50°	δ +30°	δ +10°	δ −10°	δ −30°	δ −50°	δ −60°
Für Rektaszension (in 0s.001)								
0h	+2 +1	+1 +1	+1 0	0 0	0 0	0 0	−1 −1	−2 −1
1	+2 +2	+2 +1	+1 +1	0 0	0 0	0 0	−1 0	−1 −1
2	+3 +2	+2 +1	+1 +1	0 0	0 0	0 0	0 0	0 0
3	+3 +2	+2 +1	+1 +1	0 0	0 0	0 0	0 0	0 0
4	+2 +2	+1 +1	+1 0	0 0	0 0	0 0	0 0	+1 0
5	+1 +1	+1 +1	0 0	0 0	0 0	0 0	0 0	0 0
6	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
7	−1 −1	−1 −1	0 0	0 0	0 0	0 0	0 0	0 0
8	−2 −2	−1 −1	−1 0	0 0	0 0	0 0	0 0	0 0
9	−3 −2	−2 −1	−1 −1	0 0	0 0	0 0	0 0	0 0
10	−3 −2	−2 −1	−1 −1	0 0	0 0	0 0	0 0	0 0
11	−2 −2	−1 −1	−1 −1	0 0	0 0	0 0	+1 +1	+1 +1
12	−2 −1	−1 −1	0 0	0 0	0 0	+1 0	+1 +1	+2 +1
13	−1 −1	−1 0	0 0	0 0	0 0	+1 +1	+2 +1	+2 +2
14	0 0	0 0	0 0	0 0	0 0	+1 +1	+2 +1	+3 +2
15	0 0	0 0	0 0	0 0	0 0	+1 +1	+2 +1	+3 +2
16	+1 0	0 0	0 0	0 0	0 0	+1 0	+1 +1	+2 +2
17	0 0	0 0	0 0	0 0	0 0	0 0	+1 +1	+1 +1
18	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
19	0 0	0 0	0 0	0 0	0 0	0 0	−1 −1	−1 −1
20	0 0	0 0	0 0	0 0	0 0	−1 0	−1 −1	−2 −2
21	0 0	0 0	0 0	0 0	0 0	−1 −1	−2 −1	−3 −2
22	0 0	0 0	0 0	0 0	0 0	−1 −1	−2 −1	−3 −2
23	+1 +1	+1 +1	0 0	0 0	0 0	−1 −1	−1 −1	−2 −2
24	+2 +1	+1 +1	+1 0	0 0	0 0	0 0	−1 −1	−2 −1
Für Deklination (in 0″.01)								
0h	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2	−1 −1	−1 −1	−1 −1	−1 −1	−1 −1	−1 −1	−1 0	0 0
3	−2 −1	−1 −1	−1 −1	−1 −1	−1 −1	−1 −1	−1 −1	0 0
4	−2 −2	−2 −1	−1 −1	−1 −1	−1 −1	−1 −1	−1 −1	0 0
5	−2 −2	−2 −2	−2 −1	−1 −1	−1 −1	−1 −1	−1 −1	0 0
6	−2 −2	−2 −2	−2 −1	−1 −1	−1 −1	−1 −1	−1 −1	0 0
7	−2 −2	−2 −2	−2 −1	−1 −1	−1 −1	−1 −1	−1 −1	0 0
8	−2 −2	−2 −1	−1 −1	−1 −1	−1 −1	−1 −1	−1 −1	0 0
9	−1 −1	−1 −1	−1 −1	−1 −1	−1 −1	−1 −1	−1 0	0 0
10	−1 −1	−1 −1	−1 −1	−1 −1	−1 −1	−1 0	−1 0	0 0
11	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
12	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
13	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
14	0 0	+1 0	+1 +1	+1 +1	+1 +1	+1 +1	+1 +1	+1 +1
15	0 0	+1 +1	+1 +1	+1 +1	+1 +1	+1 +1	+1 +1	+2 +1
16	0 0	+1 +1	+1 +1	+1 +1	+1 +1	+1 +1	+2 +1	+2 +2
17	0 0	+1 +1	+1 +1	+1 +1	+1 +1	+2 +1	+2 +2	+2 +2
18	0 0	+1 +1	+1 +1	+1 +1	+1 +1	+2 +1	+2 +2	+2 +2
19	0 0	+1 +1	+1 +1	+1 +1	+1 +1	+2 +1	+2 +2	+2 +2
20	0 0	+1 +1	+1 +1	+1 +1	+1 +1	+1 +1	+2 +1	+2 +2
21	0 0	+1 0	+1 +1	+1 +1	+1 +1	+1 +1	+1 +1	+1 +1
22	0 0	0 0	+1 0	+1 +1	+1 +1	+1 +1	+1 +1	+1 +1
23	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
24	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0

α	0^h, 12^h		1^h, 13^h		2^h, 14^h		3^h, 15^h		4^h, 16^h		5^h, 17^h		α
	$-A_1+$	$-D+$	$-A_1+$	$-D+$	$-A_1+$	$-D+$	$-A_1+$	$-D+$	$-A_1+$	$-D+$	$-A_1+$	$-D+$	
m	s	"	s	"	s	"	s	"	s	"	s	"	m
0		40.09	0.691	38.72	1.336	34.72	1.889	28.35	2.314	20.05	2.581	10.39	0
1	0.011	40.09	702	38.67	346	34.63	897	28.23	320	19.90	584	10.22	1
2	023	40.09	713	38.63	356	34.54	905	28.10	326	19.75	587	10.05	2
3	034	40.08	725	38.58	366	34.46	914	27.98	331	19.59	590	9.88	3
4	046	40.08	736	38.54	376	34.37	922	27.85	337	19.44	593	9.71	4
5	058	40.08	747	38.49	386	34.28	930	27.73	343	19.29	596	9.54	5
6	070	40.07	758	38.44	396	34.19	938	27.60	348	19.14	599	9.37	6
7	081	40.07	769	38.39	406	34.10	946	27.47	354	18.98	601	9.20	7
8	093	40.06	781	38.34	415	34.00	954	27.35	359	18.83	604	9.03	8
9	104	40.06	792	38.29	425	33.91	962	27.22	365	18.67	606	8.86	9
10	0.116	40.05	0.803	38.24	1.435	33.82	1.970	27.09	2.370	18.52	2.609	8.69	10
11	128	40.04	814	38.18	445	33.72	978	26.96	375	18.36	611	8.52	11
12	139	40.03	825	38.13	455	33.63	986	26.83	381	18.21	614	8.35	12
13	151	40.02	836	38.07	464	33.53	1.993	26.70	386	18.05	616	8.17	13
14	162	40.01	847	38.02	474	33.44	2.001	26.57	392	17.90	619	8.00	14
15	174	40.00	858	37.96	484	33.34	009	26.44	397	17.74	621	7.83	15
16	186	39.99	869	37.90	494	33.24	017	26.31	402	17.58	623	7.66	16
17	197	39.98	880	37.84	503	33.14	024	26.18	407	17.42	625	7.49	17
18	209	39.96	891	37.79	513	33.04	032	26.04	412	17.27	628	7.31	18
19	220	39.95	902	37.73	522	32.94	039	25.91	417	17.11	630	7.14	19
20	0.232	39.94	0.913	37.67	1.532	32.84	2.047	25.78	2.422	16.95	2.632	6.97	20
21	244	39.92	924	37.61	542	32.74	054	25 64	427	16.79	634	6.80	21
22	255	39.90	935	37.55	551	32.64	062	25.51	432	16.63	636	6.63	22
23	267	39.89	946	37.49	561	32.53	069	25.37	436	16.47	637	6.45	23
24	278	39.87	957	37.43	570	32.43	077	25.24	441	16.31	639	6.28	24
25	290	39.85	968	37.37	580	32.33	084	25.10	446	16.15	641	6.11	25
26	302	39.83	979	37.30	589	32.23	091	24.96	451	15.99	643	5.94	26
27	313	39.81	0.990	37.24	598	32.12	098	24.82	455	15.83	645	5.76	27
28	325	39.79	1.000	37.17	608	32.02	106	24.69	460	15.67	646	5.59	28
29	336	39.77	011	37.11	617	31.91	113	24.55	464	15.51	648	5.41	29
30	0.348	39.75	1.022	37.04	1.626	31.81	2.120	24.41	2.469	15.35	2.650	5.24	30
31	360	39.72	033	36.97	635	31.70	127	24.27	473	15.19	651	5.07	31
32	371	39.70	044	36.90	644	31.59	134	24.13	478	15.03	653	4.89	32
33	383	39.67	054	36.84	654	31.49	141	23.99	482	14.86	654	4.72	33
34	394	39.65	065	36.77	663	31.38	148	23.85	487	14.70	656	4.54	34
35	406	39.62	076	36.70	672	31.27	155	23.71	491	14.54	657	4.37	35
36	417	39.59	087	36.63	681	31.16	162	23.57	495	14.38	658	4.20	36
37	429	39.56	097	36.56	690	31.05	169	23.43	499	14.21	659	4.02	37
38	440	39.54	108	36.48	699	30.94	175	23.28	503	14.05	660	3.85	38
39	452	39.51	118	36.41	708	30.83	182	23.14	507	13.88	661	3.67	39
40	0.463	39.48	1.129	36.34	1.717	30.72	2.189	23.00	2.511	13.72	2.662	3.50	40
41	475	39.45	139	36.26	726	30.61	196	22.86	515	13.55	663	3.33	41
42	486	39.42	150	36.19	735	30.49	202	22.71	519	13.39	664	3.15	42
43	498	39.38	160	36.11	744	30.38	209	22.57	523	13.22	665	2.98	43
44	509	39.35	171	36.04	753	30.26	215	22.42	527	13.06	666	2.80	44
45	521	39.32	181	35.96	762	30.15	222	22.28	531	12.89	667	2.63	45
46	532	39.28	191	35.88	771	30.03	228	22.13	535	12.72	668	2.46	46
47	544	39.25	202	35.80	779	29.91	235	21.99	538	12.56	668	2.28	47
48	555	39.21	212	35.72	788	29.80	241	21.84	542	12.39	669	2.11	48
49	567	39.18	223	35.64	796	29.68	248	21.70	545	12.23	669	1.93	49
50	0.578	39.14	1.233	35.56	1.805	29.56	2.254	21.55	2.549	12.06	2.670	1.76	50
51	589	39.10	243	35.48	814	29.44	260	21.40	552	11.89	670	1.58	51
52	601	39.06	254	35.40	822	29.32	266	21.25	556	11.73	671	1.41	52
53	612	39.02	264	35.31	831	29.20	272	21.10	559	11.56	671	1.23	53
54	624	38.98	275	35.23	839	29.08	278	20.95	563	11.40	672	1.06	54
55	635	38.94	285	35.15	848	28.96	284	20.80	566	11.23	672	0.88	55
56	646	38.90	295	35.06	856	28.84	290	20.65	569	11.06	672	0.71	56
57	657	38.85	305	34.98	864	28.72	296	20.50	572	10.89	672	0.53	57
58	669	38.81	316	34.89	873	28.59	302	20.35	575	10.73	673	0.36	58
59	680	38.76	326	34.81	881	28.47	308	20.20	578	10.56	673	0.18	59
60	0.691	38.72	1.336	34.72	1.889	28.35	2.314	20.05	2.581	10.39	2.673	0.01	60

α	6^h, 18^h		7^h, 19^h		8^h, 20^h		9^h, 21^h		10^h, 22^h		11^h, 23^h		α
m	−A₁+ s	+D− "	−A₁+ s	+D− "	−A₁+ s	+D− "	−A₁+ s	+D− "	−A₁+ s	+D− "	−A₁+ s	+D− "	m
0	2.673		2.582	10.37	2.315	20.04	1.890	28.34	1.337	34.71	0.692	38.72	0
1	673	0.17	579	10.54	309	20.19	882	28.46	327	34.80	681	38.76	1
2	673	0.34	576	10.71	303	20.34	874	28.58	317	34.88	670	38.81	2
3	672	0.52	572	10.87	297	20.49	865	28.71	306	34.97	658	38.85	3
4	672	0.69	569	11.04	291	20.64	857	28.83	296	35.05	647	38.90	4
5	672	0.87	566	11.21	285	20.79	849	28.95	286	35.14	636	38.94	5
6	672	1.04	563	11.38	279	20.94	840	29.07	276	35.22	625	38.98	6
7	671	1.22	559	11.55	273	21.09	832	29.19	265	35.30	613	39.02	7
8	671	1.39	556	11.71	266	21.23	823	29.31	255	35.39	602	39.06	8
9	670	1.57	552	11.88	260	21.38	815	29.43	244	35.47	590	39.10	9
10	2.670	1.74	2.549	12.05	2.254	21.53	1.806	29.55	1.234	35.55	0.579	39.14	10
11	669	1.91	545	12.22	248	21.68	797	29.67	224	35.63	568	39.18	11
12	669	2.09	542	12.38	241	21.83	789	29.78	213	35.71	556	39.21	12
13	668	2.26	538	12.55	235	21.97	780	29.90	203	35.79	545	39.25	13
14	668	2.44	535	12.71	228	22.12	772	30.01	192	35.87	533	39.28	14
15	667	2.61	531	12.88	222	22.27	763	30.13	182	35.95	522	39.32	15
16	666	2.78	527	13.04	215	22.41	754	30.24	172	36.03	511	39.35	16
17	665	2.96	523	13.21	209	22.56	745	30.36	161	36.10	499	39.38	17
18	665	3.13	520	13.37	202	22.70	736	30.47	151	36.18	488	39.42	18
19	664	3.31	516	13.54	196	22.85	727	30.59	140	36.25	476	39.45	19
20	2.663	3.48	2.512	13.70	2.189	22.99	1.718	30.70	1.130	36.33	0.465	39.48	20
21	662	3.65	508	13.86	182	23.13	709	30.81	119	36.40	453	39.51	21
22	661	3.83	504	14.03	176	23.27	700	30.92	109	36.47	442	39.54	22
23	659	4.00	499	14.19	169	23.42	691	31.04	098	36.55	430	39.56	23
24	658	4.18	495	14.36	163	23.56	682	31.15	088	36.62	419	39.59	24
25	657	4.35	491	14.52	156	23.70	673	31.26	077	36.69	407	39.62	25
26	656	4.52	487	14.68	149	23.84	664	31.37	066	36.76	395	39.64	26
27	654	4.70	482	14.84	142	23.98	655	31.48	055	36.83	384	39.67	27
28	653	4.87	478	15.01	135	24.12	645	31.58	045	36.89	372	39.69	28
29	651	5.05	473	15.17	128	24.26	636	31.69	034	36.96	361	39.72	29
30	2.650	5.22	2.469	15.33	2.121	24.40	1.627	31.80	1.023	37.03	0.349	39.74	30
31	648	5.39	464	15.49	114	24.54	618	31.90	012	37.10	337	39.76	31
32	647	5.57	460	15.65	107	24.68	609	32.01	1.001	37.16	326	39.78	32
33	645	5.74	455	15.82	099	24.81	599	32.11	0.991	37.23	314	39.81	33
34	644	5.92	451	15.98	092	24.95	590	32.22	980	37.29	303	39.83	34
35	642	6.09	446	16.14	085	25.09	581	32.32	969	37.36	291	39.85	35
36	640	6.26	441	16.30	078	25.22	571	32.42	958	37.42	279	39.87	36
37	638	6.43	436	16.46	070	25.36	562	32.52	947	37.48	268	39.88	37
38	636	6.61	432	16.61	063	25.49	552	32.63	937	37.55	256	39.90	38
39	634	6.78	427	16 77	055	25.63	543	32.73	926	37.61	245	39.91	39
40	2.632	6.95	2.422	16.93	2.048	25.76	1.533	32.83	0.915	37.67	0.233	39.93	40
41	630	7.12	417	17.09	040	25.89	523	32.93	904	37.73	221	39.94	41
42	628	7.29	412	17.25	033	26.02	514	33.03	893	37.79	210	39.96	42
43	625	7.47	407	17.40	025	26.16	504	33.13	882	37.84	198	39.97	43
44	623	7.64	402	17.56	018	26.29	495	33.23	871	37.90	187	39.99	44
45	621	7.81	397	17.72	010	26.42	485	33.33	860	37.96	175	40.00	45
46	619	7.98	392	17.88	2.002	26.55	475	33.43	849	38.01	163	40.01	46
47	616	8.15	387	18.03	1.994	26.68	465	33.52	838	38.07	152	40.02	47
48	614	8.33	381	18.19	987	26.82	456	33.62	826	38.12	140	40.03	48
49	611	8.50	376	18.34	979	26.95	446	33.71	815	38.18	129	40.04	49
50	2.609	8.67	2.371	18.50	1.971	27.08	1.436	33.81	0.804	38.23	0.117	40.05	50
51	606	8.84	365	18.65	963	27.21	426	33.90	793	38.28	105	40.06	51
52	604	9.01	360	18.81	955	27.34	416	33.99	782	38.33	094	40.06	52
53	601	9.18	354	18.96	947	27.46	407	34.09	770	38.38	082	40.07	53
54	599	9.35	349	19.12	939	27.59	397	34.18	759	38.43	071	40.07	54
55	596	9.52	343	19.27	931	27.72	387	34.27	748	38.48	059	40.08	55
56	593	9.69	337	19.42	923	27.84	377	34.36	737	38.53	047	40.08	56
57	590	9.86	332	19.58	915	27.97	367	34.45	726	38.58	036	40.08	57
58	588	10.03	326	19.73	906	28.09	357	34.53	714	38.62	024	40.09	58
59	585	10.20	321	19.89	898	28.22	347	34.62	703	38.67	013	40.09	59
60	2.582	10.37	2.315	20.04	1.890	28.34	1.337	34.71	0.692	38.72	0.001	40.09	60

Reduktionsgrößen 1927

Übertragung von Sternörtern vom mittleren Äquinoktium 1927.0 auf das Normaläquinoktium 1925.0

α	A	A_2	D_1	α	α	A	A_2	D_1	α
h m	s	s	"	h m	h m	s	s	"	h m
0 0	−6.146	+0.0000	−0.000	12 0	6 0	−6.146	−0.0000	−0.004	18 0
10	146	0	0	10	10	146	0	4	10
20	146	0	0	20	20	146	0	4	20
30	146	1	0	30	30	146	1	4	30
40	146	1	0	40	40	146	1	4	40
50	146	1	0	50	50	146	1	4	50
1 0	−6.146	+0.0001	−0.000	13 0	7 0	−6.146	−0.0001	−0.004	19 0
10	146	1	0	10	10	146	1	4	10
20	146	2	0	20	20	146	2	3	20
30	145	2	1	30	30	146	2	3	30
40	145	2	1	40	40	146	2	3	40
50	145	2	1	50	50	146	2	3	50
2 0	−6.145	+0.0002	−0.001	14 0	8 0	−6.146	−0.0002	−0.003	20 0
10	145	2	1	10	10	146	2	3	10
20	145	2	1	20	20	146	2	3	20
30	145	3	1	30	30	146	3	2	30
40	145	3	2	40	40	146	3	2	40
50	145	3	2	50	50	146	3	2	50
3 0	−6.145	+0.0003	−0.002	15 0	9 0	−6.146	−0.0003	−0.002	21 0
10	145	3	2	10	10	146	3	2	10
20	145	3	2	20	20	146	3	2	20
30	145	3	2	30	30	146	3	1	30
40	145	2	3	40	40	146	2	1	40
50	145	2	3	50	50	146	2	1	50
4 0	−6.145	+0.0002	−0.003	16 0	10 0	−6.146	−0.0002	−0.001	22 0
10	145	2	3	10	10	146	2	1	10
20	145	2	3	20	20	146	2	1	20
30	145	2	3	30	30	146	2	1	30
40	145	2	3	40	40	146	2	0	40
50	146	1	4	50	50	146	1	0	50
5 0	−6.146	+0.0001	−0.004	17 0	11 0	−6.146	−0.0001	−0.000	23 0
10	146	1	4	10	10	146	1	0	10
20	146	1	4	20	20	146	1	0	20
30	146	1	4	30	30	146	1	0	30
40	146	0	4	40	40	146	0	0	40
50	146	0	4	50	50	146	0	0	50
6 0	−6.146	+0.0000	−0.004	18 0	12 0	−6.146	−0.0000	−0.000	24 0

$$\alpha_{1925} = \alpha_{1927} + A + A_1 \operatorname{tg} \delta_{1927} + A_2 \operatorname{tg}^2 \delta_{1927}$$

$$\alpha_{1925} = \delta_{1927} + D + D_1 \operatorname{tg} \delta_{1927}$$

A_1 und D sind in der Tafel (S. 386/387) mit dem Argument α_{1927} zu entnehmen; für die Werte von α zwischen 0^h und 12^h gelten die Vorzeichen zur Linken, für die Werte von α zwischen 12^h und 24^h die Vorzeichen zur Rechten.

Finsternisse, Mösting A, Trabanten

Konstellationen, Hülfstafeln

1927

Im Jahre 1927 finden drei Sonnenfinsternisse und zwei Mondfinsternisse statt.

I. Ringförmige Sonnenfinsternis 1927 Januar 3

Konjunktion in Rektaszension . Jan. 3, $20^h 22^m 40^s.1$ Welt-Zeit

Rektaszension des Mondes	$18^h 54^m 14^s.53$
Stündliche Änderung	2 33.08
Rektaszension der Sonne	18 54 14.53
Stündliche Änderung	11.02
Deklination des Mondes	$-23° 20' 50''.6$
Stündliche Änderung	+0 3.4
Deklination der Sonne	−22 51 46.1
Stündliche Änderung	+0 14.3
Äquatorialhorizontalparallaxe des Mondes . .	$58' 49''.5$
» der Sonne . . .	8.9
Halbmesser des Mondes	$16' 0''.9$
» der Sonne	16 15.9

		Welt-Zeit	Westl. Lange v. Greenwich	Geogr. Breite
Anfang der Finsternis	Jan. 3,	$17^h 43^m.7$	182° 12'	−16° 54'
Anfang der zentralen Verfinsterung	»	18 48.7	203 29	−27 1
Zentrale Finsternis im wahren Mittag	»	20 22.7	124 34	−52 49
Ende der zentralen Verfinsterung .	»	21 56.1	45 13	−27 33
Ende der Finsternis	»	23 1.0	66 31	−17 27

Verlauf der Zentrallinie

Welt-Zeit	Westl. Länge v. Greenw.	Geogr. Breite	Dauer der ringf. Verf.	Welt-Zeit	Westl. Länge v. Greenw.	Geogr. Breite	Dauer der ringf. Verf.
$18^h 48^m.7$	203° 29'	−27° 1'	—	$20^h 40^m$	113° 42'.0	−52° 19'.6	$3^s.2$
18 50	195 13.1	−30 45.0	46.2	21 0	101 9.2	−50 21.2	7.0
18 55	185 50.4	−35 14.0	38.9	21 20	88 16.0	−46 42.4	14.3
19 0	180 2.0	−38 2.1	34.0	21 30	81 17.9	−44 5.3	19.4
19 5	175 22.0	−40 14.2	30.0	21 35	77 30.4	−42 302.	22.4
19 10	171 17.3	−42 5.0	26.5	21 40	73 21.2	−40 39.6	25.8
19 20	164 3.8	−45 5.5	20.4	21 45	68 35.8	−38 27.4	29.8
19 40	151 8.1	−49 19.2	11.2	21 50	62 39.2	−35 37.7	34.7
20 0	138 42.4	−51 48.7	5.3	21 55	52 47.5	−30 57.8	42.3
20 20	126 14.1	−52 48.1	2.6	21 56.1	45 13	−27 33	—

Die Finsternis ist sichtbar im südöstlichen Teil von Australien und den östlich davon gelegenen Inseln, in Neu-Seeland, im südlichen Teil des Stillen Ozeans, im südlichen Eismeer und in Süd-Amerika mit Ausnahme der nordwestlichen, nördlichen und nordöstlichen Teile.

Elemente der ringförmigen Sonnenfinsternis 1927 Januar 3

Welt-Zeit	x	y	log sin d	log cos d	μ	$l^{(a)}$	$l^{(i)}$
17^{h} 40^{m}	−1.50637	−0.48628	9.58959_n	9.96444	83° 54.3′	+0.55041	+0.00447
50	1.41380	0.48693	9.58958_n	9.96444	86 24.3	0.55040	0.00446
18 0	−1.32122	−0.48757	9.58957_n	9.96444	88 54.2	+0.55039	+0.00445
10	1.22863	0.48820	9.58955_n	9.96444	91 24.2	0.55038	0.00444
20	1.13604	0.48882	9.58954_n	9.96444	93 54.1	0.55037	0.00443
30	1.04345	0.48943	9.58953_n	9.96445	96 24.1	0.55036	0.00442
40	0.95085	0.49003	9.58951_n	9.96445	98 54.1	0.55035	0.00441
50	0.85825	0.49061	9.58951_n	9.96445	101 24.0	0.55033	0.00439
19 0	−0.76565	−0.49119	9.58950_n	9.96445	103 54.0	+0.55032	+0.00438
10	0.67304	0.49175	9.58948_n	9.96445	106 24.0	0.55031	0.00437
20	0.58043	0.49231	9.58947_n	9.96446	108 53.9	0.55029	0.00435
30	0.48781	0.49285	9.58946_n	9.96446	111 23.9	0.55027	0.00434
40	0.39520	0.49338	9.58945_n	9.96446	113 53.9	0.55026	0.00432
50	0.30258	0.49390	9.58944_n	9.96446	116 23.8	0.55024	0.00430
20 0	−0.20996	−0.49441	9.58942_n	9.96446	118 53.8	+0.55022	+0.00429
10	0.11734	0.49491	9.58941_n	9.96447	121 23.8	0.55021	0.00427
20	−0.02472	0.49540	9.58940_n	9.96447	123 53.7	0.55019	0.00425
30	+0.06790	0.49588	9.58939_n	9.96447	126 23.7	0.55017	0.00423
40	0.16053	0.49635	9.58938_n	9.96447	128 53.7	0.55015	0.00421
50	0.25315	0.49681	9.58936_n	9.96448	131 23.6	0.55013	0.00419
21 0	+0.34577	−0.49725	9.58935_n	9.96448	133 53.6	+0.55011	+0.00417
10	0.43840	0.49768	9.58934_n	9.96448	136 23.6	0.55008	0.00415
20	0.53102	0.49811	9.58933_n	9.96448	138 53.5	0.55006	0.00412
30	0.62364	0.49852	9.58932_n	9.96448	141 23.5	0.55004	0.00410
40	0.71626	0.49892	9.58930_n	9.96449	143 53.5	0.55001	0.00408
50	0.80888	0.49931	9.58929_n	9.96449	146 23.4	0.54999	0.00405
22 0	+0.90150	−0.49969	9.58928_n	9.96449	148 53.4	+0.54996	+0.00403
10	0.99412	0.50006	9.58927_n	9.96449	151 23.4	0.54994	0.00400
20	1.08674	0.50041	9.58926_n	9.96450	153 53.3	0.54991	0.00398
30	1.17935	0.50076	9.58925_n	9.96450	156 23.3	0.54988	0.00395
40	1.27196	0.50109	9.58923_n	9.96450	158 53.3	0.54986	0.00392
50	1.36457	0.50142	9.58922_n	9.96450	161 23.2	0.54983	0.00389
23 0	+1.45718	−0.50173	9.58921_n	9.96450	163 53.2	+0.54980	+0.00386
10	+1.54979	−0.50203	9.58920_n	9.96451	166 23.2	+0.54977	+0.00383

Welt-Zeit	x'	y'	log tang $f^{(a)}$	log tang $f^{(i)}$
17^{h} 0^{m}	+0.009255	−0.000070	7.67718	7.67501
18 0	0.009258	0.000064	7.67718	7.67501
19 0	0.009260	0.000057	7.67718	7.67501
20 0	0.009262	0.000050	7.67718	7.67501
21 0	0.009262	0.000044	7.67718	7.67501
22 0	0.009262	0.000037	7.67718	7.67501
23 0	0.009261	0.000031	7.67718	7.67501
24 0	+0.009260	−0.000024	7.67718	7.67501

II. Totale Mondfinsternis 1927 Juni 15

Opposition in Rektaszension	Juni 15, 8h 16m 26.s4 Welt-Zeit	
Rektaszension des Mondes		17h 30m 32.s24
Stündliche Änderung		2 18.92
Rektaszension der Sonne		5 30 32.24
Stündliche Änderung		10.38
Deklination des Mondes		−22° 50′ 38.″1
Stündliche Änderung		−4 36.2
Deklination der Sonne		+23 16 33.5
Stündliche Änderung		+0 7.3
Äquatorialhorizontalparallaxe des Mondes		56′ 24.″9
» der Sonne		8.7
Halbmesser des Mondes		15′ 21.″6
» der Sonne		15 44.7

Anfang der Finsternis	Juni 15,	6h 42.m8	Welt-Zeit
Anfang der totalen Verfinsterung	»	8 13.5	»
Mitte der Finsternis	»	8 24.2	»
Ende der totalen Verfinsterung	»	8 35.0	»
Ende der Finsternis	»	10 5.7	»

Der Mond steht zu Beginn und Ende der Finsternis im Zenit der Orte, deren geographische Lage ist:

101° 32′ westliche Länge von Greenwich, 22° 43′ südliche Breite
150 26 » » » » , 22 59 » »

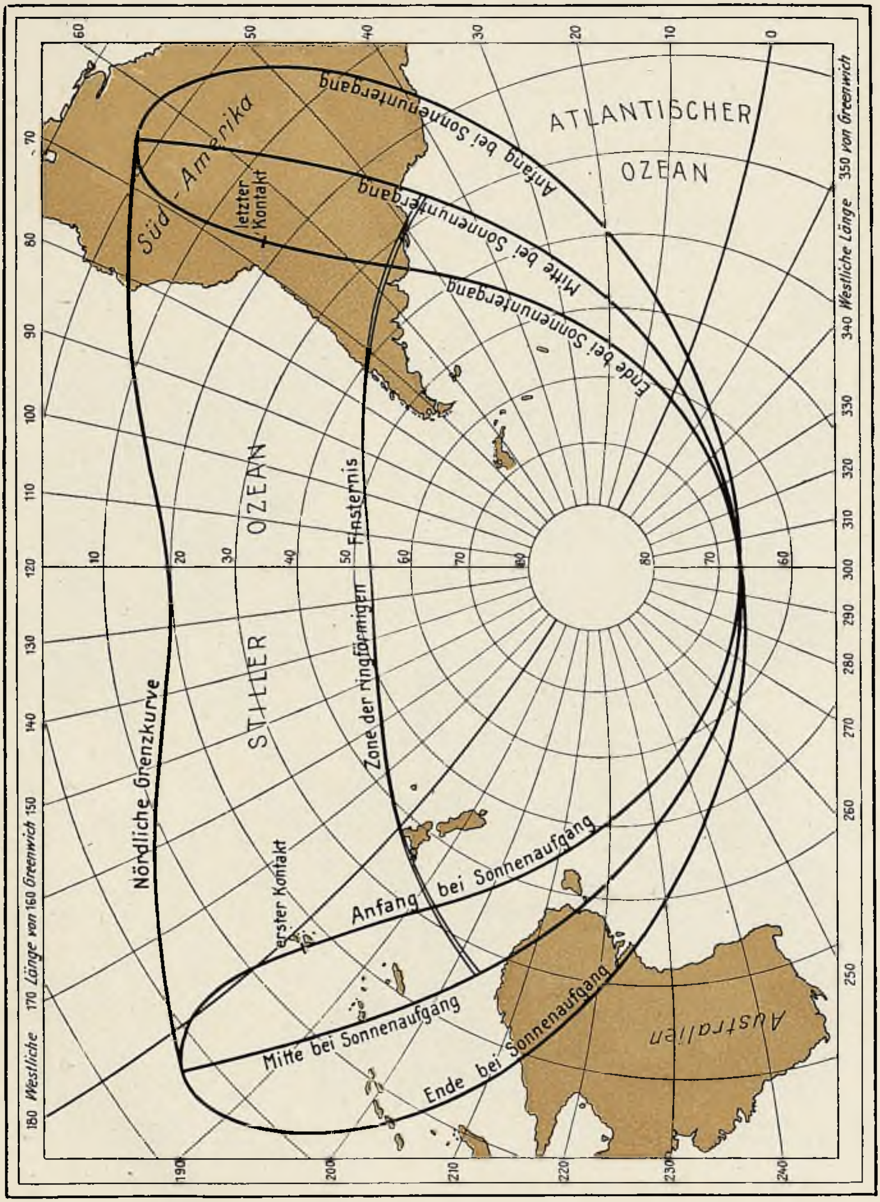
Positionswinkel des Eintritts = 126°
» » Austritts = 251°

Größe der Finsternis in Einheiten des Monddurchmessers = 1.018

Der Anfang der Finsternis ist sichtbar im Atlantischen Ozean, in Nord-Amerika mit Ausnahme der nördlichen Teile, in Süd-Amerika und dem Stillen Ozean. Das Ende ist sichtbar in Nord-Amerika mit Ausnahme des nordöstlichen Teiles, in Süd-Amerika mit Ausnahme des äußersten östlichen Teiles, im Stillen Ozean und in Australien.

Ringförmige Sonnenfinsternis

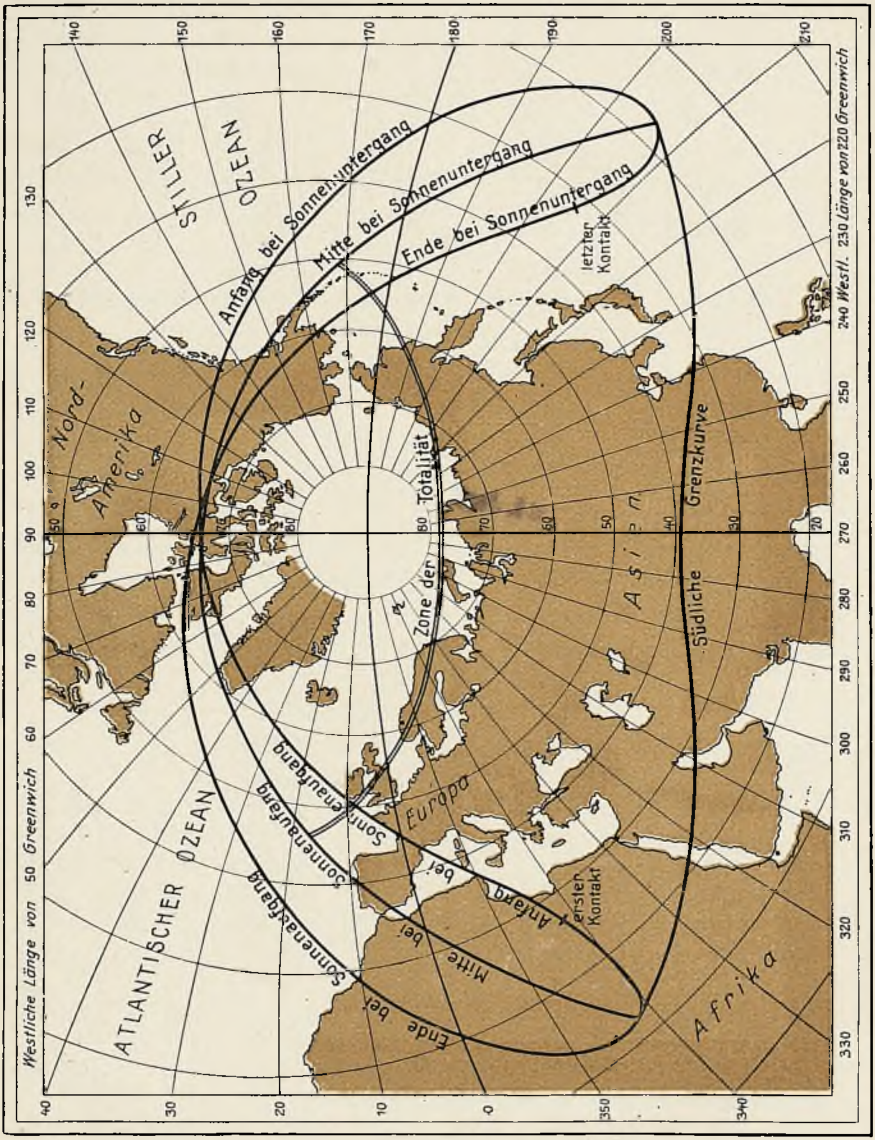
1927 Jan. 3



Zu Seite 390

Totale Sonnenfinsternis

1927 Juni 29



Zu Seite 393

III. Totale Sonnenfinsternis 1927 Juni 29

Konjunktion in Rektaszension .	Juni 29, $6^h 27^m 22^s.5$	Welt-Zeit
Rektaszension des Mondes		$6^h 28^m 24^s.78$
Stündliche Änderung		2 29.25
Rektaszension der Sonne		6 28 24.78
Stündliche Änderung		10.37
Deklination des Mondes		$+24° 4' 30''.6$
Stündliche Änderung		+1 25.5
Deklination der Sonne		+23 17 17.2
Stündliche Änderung		— 7.0
Äquatorialhorizontalparallaxe des Mondes . .		$57' 56''.8$
» der Sonne . . .		8.7
Halbmesser des Mondes		$15' 46''.6$
» der Sonne		15 43.9

	Welt-Zeit	Westl. Länge v. Greenwich	Geogr. Breite
Beginn der Finsternis	Juni 29, $3^h 59^m.7$	341° 36′	+26° 36′
Beginn der zentralen Verfinsterung	» 5 20.1	16 14	+46 29
Zentrale Finsternis im wahren Mittag	» 6 27.4	276 5	+78 25
Ende der zentralen Verfinsterung	» 7 25.8	168 34	+51 1
Ende der Finsternis	» 8 46.4	205 27	+31 38

Verlauf der Zentrallinie

Welt-Zeit	Westl. Länge v. Greenw.	Geogr. Breite	Dauer der Totalität	Welt-Zeit	Westl. Länge v. Greenw.	Geogr. Breite	Totalität der Dauer
h m	° ′	° ′	s	h m	° ′	° ′	s
5 20.1	16 14	+46 29	—	6 25	281 35.4	+78 15.4	50.2
5 25	1 21.7	+54 36.1	24.3	6 30	269 52.2	+78 28.2	49.7
5 30	355 3.1	+58 23.9	30.2	6 35	258 1.3	+78 16.0	48.9
5 35	349 55.2	+61 26.1	34.6	6 40	246 42.0	+77 39.2	47.8
5 40	345 12.0	+64 4.2	38.2	6 45	236 23.3	+76 39.7	46.3
5 45	340 32.5	+66 26.4	41.2	6 50	227 14.1	+75 20.0	44.5
5 50	335 43.7	+68 36.0	43.6	6 55	219 10.2	+73 42.3	42.3
5 55	330 33.5	+70 35.0	45.6	7 0	212 1.4	+71 48.5	39.7
6 0	324 50.5	+72 24.2	47.3	7 5	205 30.8	+69 37.9	36.6
6 5	318 22.5	+74 2.9	48.6	7 10	199 18.4	+67 7.0	32.9
6 10	310 57.0	+75 29.8	49.4	7 15	193 3.9	+64 10.2	28.5
6 15	302 22.8	+76 42.9	49.9	7 20	186 2.8	+60 28.7	22.8
6 20	292 33.6	+77 39.3	50.2	7 25	174 59.4	+54 23.6	13.3
6 25	281 35.4	+78 15.4	50.2	7 25.8	168 34	+51 1	—

Die Finsternis ist sichtbar im nördlichen Teil von Afrika, in Europa, im nördlichen Teil Arabiens, in der nördlichen Hälfte Asiens, in Japan, im nordwestlichen Teil des Stillen Ozeans, in der Nordwestspitze Nordamerikas, in Grönland und im nördlichen Eismeer.

Elemente der totalen Sonnenfinsternis 1927 Juni 29

Welt-Zeit	x	y	log sin d	log cos d	μ	$l^{(a)}$	$l^{(i)}$
4h 0m	−1.34694	+0.74940	9.59704	9.96308	239° 14.5′	+0.54474	−0.00117
10	1.25556	0.75406	9.59703	9.96308	241 44.5	0.54477	0.00114
20	1.16417	0.75871	9.59703	9.96308	244 14.5	0.54480	0.00111
30	1.07278	0.76335	9.59702	9.96309	246 44.5	0.54482	0.00109
40	0.98139	0.76798	9.59702	9.96309	249 14.5	0.54485	0.00106
50	0.89000	0.77260	9.59701	9.96309	251 44.5	0.54488	0.00103
5 0	−0.79860	+0.77721	9.59700	9.96309	254 14.5	+0.54490	−0.00101
10	0.70720	0.78180	9.59700	9.96309	256 44.5	0.54493	0.00099
20	0.61581	0.78638	9.59699	9.96309	259 14.5	0.54495	0.00096
30	0.52441	0.79096	9.59699	9.96309	261 44.5	0.54497	0.00094
40	0.43301	0.79552	9.59698	9.96309	264 14.5	0.54500	0.00092
50	0.34161	0.80007	9.59697	9.96309	266 44.5	0.54502	0.00089
6 0	−0.25021	+0.80461	9.59697	9.96310	269 14.5	+0.54504	−0.00087
10	0.15881	0.80913	9.59696	9.96310	271 44.5	0.54506	0.00085
20	−0.06741	0.81365	9.59696	9.96310	274 14.4	0.54508	0.00083
30	+0.02399	0.81816	9.59695	9.96310	276 44.4	0.54510	0.00081
40	0.11539	0.82265	9.59695	9.96310	279 14.4	0.54512	0.00079
50	0.20679	0.82714	9.59694	9.96310	281 44.4	0.54514	0.00077
7 0	+0.29818	+0.83161	9.59693	9.96310	284 14.4	+0.54516	−0.00076
10	0.38958	0.83607	9.59693	9.96310	286 44.4	0.54517	0.00074
20	0.48098	0.84052	9.59692	9.96310	289 14.4	0.54519	0.00072
30	0.57237	0.84496	9.59692	9.96310	291 44.4	0.54521	0.00071
40	0.66377	0.84939	9.59691	9.96311	294 14.4	0.54522	0.00069
50	0.75516	0.85381	9.59690	9.96311	296 44.4	0.54524	0.00068
8 0	+0.84655	+0.85822	9.59690	9.96311	299 14.4	+0.54525	−0.00066
10	0.93794	0.86262	9.59689	9.96311	301 44.4	0.54526	0.00065
20	1.02933	0.86701	9.59689	9.96311	304 14.4	0.54528	0.00064
30	1.12071	0.87138	9.59688	9.96311	306 44.4	0.54529	0.00063
40	1.21209	0.87575	9.59687	9.96311	309 14.3	0.54530	0.00062
50	+1.30347	+0.88010	9.59687	9.96311	311 44.3	+0.54531	+0.00060

Welt-Zeit	x'	y'	log tang $f^{(a)}$	log tang $f^{(i)}$
4h 0m	+0.009139	+0.000467	7.66265	7.66049
5 0	0.009140	0.000460	7.66265	7.66049
6 0	0.009140	0.000453	7.66265	7.66049
7 0	0.009140	0.000447	7.66265	7.66049
8 0	0.009139	0.000441	7.66265	7.66049
9 0	+0.009138	+0.000434	7.66265	7.66049

Totale Sonnenfinsternis 1927 Juni 29

φ	Östl. Länge von Greenwich	Anfang der Finsternis			Größte Phase		Ende der Finsternis		
		Welt-Zeit	P	Q	Welt-Zeit	Betrag	Welt-Zeit	P	Q
	m	h m	°	°	h m		h m	°	°
	25	4 15.3	271.2	312.8	5 8.6	0.82	6 6.0	69.0	117.9
	35	4 14.3	272.2	314.7	5 8.0	0.80	6 5.9	67.6	116.9
	45	4 13.5	273.3	316.5	5 7.6	0.77	6 5.9	66.2	115.8
45°	55	4 12.7	274.4	318.4	5 7.2	0.75	6 6.1	64.8	114.8
	65	4 12.2	275.6	320.3	5 7.0	0.73	6 6.4	63.4	113.6
	75	4 11.8	276.8	322.2	5 6.9	0.71	6 6.8	61.9	112.3
	85	4 11.5	278.0	324.1	5 6.9	0.69	6 7.3	60.4	110.9
	25	4 16.4	270.4	311.3	5 10.1	0.83	6 7.7	70.0	117.9
	35	4 15.5	271.4	313.1	5 9.5	0.81	6 7.7	68.6	117.0
	45	4 14.6	272.5	314.9	5 9.1	0.79	6 7.8	67.3	115.9
46°	55	4 13.9	273.6	316.7	5 8.8	0.77	6 8.0	65.9	114.8
	65	4 13.4	274.7	318.6	5 8.6	0.75	6 8.4	64.5	113.6
	75	4 13.0	275.9	320.4	5 8.6	0.73	6 8.8	63.0	112.3
	85	4 12.7	277.1	322.3	5 8.6	0.70	6 9.4	61.6	110.9
	25	4 17.6	269.6	309.8	5 11.6	0.85	6 9.5	70.9	117.9
	35	4 16.7	270.6	311.5	5 11.0	0.83	6 9.6	69.6	116.9
	45	4 15.8	271.7	313.3	5 10.6	0.81	6 9.7	68.3	115.9
47°	55	4 15.1	272.8	315.1	5 10.4	0.78	6 10.0	66.9	114.8
	65	4 14.6	273.9	316.9	5 10.2	0.76	6 10.4	65.6	113.6
	75	4 14.2	275.0	318.7	5 10.1	0.74	6 10.9	64.2	112.3
	85	4 13.9	276.2	320.5	5 10.3	0.72	6 11.5	62.7	110.9
	25	4 18.8	268.8	308.2	5 13.1	0.86	6 11.3	71.9	117.9
	35	4 17.9	269.9	310.0	5 12.6	0.84	6 11.4	70.6	116.9
	45	4 17.1	270.9	311.7	5 12.2	0.82	6 11.6	69.3	115.8
48°	55	4 16.4	271.9	313.4	5 12.0	0.80	6 11.9	68.0	114.7
	65	4 15.8	273.0	315.2	5 11.8	0.78	6 12.4	66.6	113.5
	75	4 15.4	274.2	317.0	5 11.8	0.76	6 12.9	65.3	112.2
	85	4 15.2	275.4	318.8	5 12.0	0.74	6 13.6	63.9	110.9
	25	4 20.1	268.1	306.7	5 14.6	0.88	6 13.1	72.8	117.8
	35	4 19.1	269.1	308.4	5 14.1	0.86	6 13.2	71.6	116.8
	45	4 18.3	270.1	310.1	5 13.8	0.84	6 13.5	70.3	115.8
49°	55	4 17.7	271.2	311.8	5 13.6	0.82	6 13.9	69.0	114.6
	65	4 17.1	272.3	313.6	5 13.5	0.80	6 14.4	67.7	113.4
	75	4 16.7	273.4	315.3	5 13.5	0.77	6 15.0	66.4	112.2
	85	4 16.5	274.5	317.0	5 13.7	0.75	6 15.7	65.0	110.8
	25	4 21.3	267.4	305.3	5 16.1	0.89	6 14.9	73.8	117.7
	35	4 20.4	268.4	306.9	5 15.7	0.87	6 15.1	72.5	116.7
	45	4 19.6	269.4	308.6	5 15.4	0.85	6 15.4	71.3	115.7
50°	55	4 19.0	270.4	310.2	5 15.2	0.83	6 15.8	70.0	114.5
	65	4 18.5	271.5	311.9	5 15.1	0.81	6 16.3	68.7	113.3
	75	4 18.1	272.6	313.6	5 15.2	0.79	6 17.0	67.4	112.0
	85	4 17.8	273.7	315.3	5 15.4	0.77	6 17.8	66.1	110.7

Totale Sonnenfinsternis 1927 Juni 29

φ	Östl. Länge von Greenwich	Anfang der Finsternis			Größte Phase		Ende der Finsternis		
		Welt-Zeit	P	Q	Welt-Zeit	Betrag	Welt-Zeit	P	Q
	25ᵐ	4ʰ 22.6ᵐ	266.7°	303.8°	5ʰ 17.7ᵐ	0.90	6ʰ 16.7ᵐ	74.7°	117.6°
	35	4 21.8	267.7	305.4	5 17.3	0.88	6 16.9	73.5	116.6
	45	4 21.0	268.7	307.0	5 17.0	0.87	6 17.2	72.2	115.5
51°	55	4 20.4	269.7	308.7	5 16.9	0.85	6 17.7	71.0	114.4
	65	4 19.8	270.7	310.3	5 16.8	0.83	6 18.3	69.7	113.2
	75	4 19.5	271.8	312.0	5 16.9	0.80	6 19.0	68.5	111.9
	85	4 19.2	272.9	313.6	5 17.1	0.78	6 19.8	67.2	110.6
	25	4 24.0	266.1	302.3	5 19.3	0.92	6 18.5	75.6	117.5
	35	4 23.1	267.0	303.9	5 18.9	0.90	6 18.7	74.4	116.5
	45	4 22.4	268.0	305.5	5 18.7	0.88	6 19.1	73.2	115.4
52°	55	4 21.8	269.0	307.1	5 18.6	0.86	6 19.6	72.0	114.3
	65	4 21.2	270.0	308.7	5 18.6	0.84	6 20.2	70.8	113.1
	75	4 20.9	271.0	310.3	5 18.7	0.82	6 21.0	69.5	111.8
	85	4 20.6	272.1	311.9	5 18.9	0.80	6 21.8	68.3	110.4
	25	4 25.3	265.4	300.9	5 20.9	0.93	6 20.3	76.5	117.3
	35	4 24.5	266.4	302.4	5 20.6	0.91	6 20.6	75.3	116.3
	45	4 23.8	267.3	304.0	5 20.3	0.89	6 21.0	74.1	115.2
53°	55	4 23.2	268.3	305.6	5 20.2	0.87	6 21.5	72.9	114.1
	65	4 22.7	269.3	307.1	5 20.3	0.86	6 22.2	71.8	112.9
	75	4 22.3	270.3	308.7	5 20.4	0.84	6 23.0	70.6	111.6
	85	4 22.1	271.4	310.2	5 20.7	0.82	6 23.8	69.3	110.2
	25	4 26.7	264.8	299.5	5 22.5	0.94	6 22.1	77.3	117.1
	35	4 25.9	265.7	301.0	5 22.2	0.92	6 22.4	76.2	116.1
	45	4 25.2	266.6	302.5	5 22.0	0.91	6 22.9	75.0	115.0
54°	55	4 24.6	267.6	304.0	5 21.9	0.89	6 23.4	73.9	113.9
	65	4 24.2	268.6	305.6	5 22.0	0.87	6 24.1	72.7	112.7
	75	4 23.8	269.6	307.1	5 22.2	0.85	6 24.9	71.6	111.4
	85	4 23.6	270.6	308.6	5 22.4	0.83	6 25.8	70.4	110.0
	25	4 28.2	264.2	298.1	5 24.2	0.95	6 23.9	78.2	116.8
	35	4 27.4	265.1	299.6	5 23.9	0.94	6 24.3	77.0	115.8
	45	4 26.7	266.0	301.0	5 23.7	0.92	6 24.8	75.9	114.8
55°	55	4 26.1	267.0	302.5	5 23.7	0.90	6 25.3	74.8	113.6
	65	4 25.7	267.9	304.0	5 23.7	0.88	6 26.0	73.7	112.4
	75	4 25.3	268.9	305.5	5 23.9	0.86	6 26.9	72.6	111.2
	85	4 25.1	269.9	306.9	5 24.2	0.84	6 27.8	71.4	109.8

IV. Totale Mondfinsternis 1927 Dezember 8.

Opposition in Rektaszension Dezember 8,	$17^h 28^m 30^s.6$ Welt-Zeit
Rektaszension des Mondes	$4^h 57^m 36^s.79$
Stündliche Änderung	2 36.53
Rektaszension der Sonne	16 57 36.79
Stündliche Änderung	10.94
Deklination des Mondes	$+22° 23' 12''.6$
Stündliche Änderung	+7 18.7
Deklination der Sonne	—22 40 27.4
Stündliche Änderung	—0 16.3
Äquatorialhorizontalparallaxe des Mondes . . .	$60' 19''.9$
» der Sonne . . .	8.9
Halbmesser des Mondes	$16' 25''.6$
» der Sonne	16 14.3

Anfang der Finsternis	Dezember 8,	$15^h 51^m.9$	Welt-Zeit
Anfang der totalen Verfinsterung .	»	16 54.5	»
Mitte der Finsternis	»	17 34.6	»
Ende der totalen Verfinsterung . .	»	18 14.9	»
Ende der Finsternis	»	19 17.7	»

Der Mond steht zu Beginn und Ende der Finsternis im Zenit der Orte, deren geographische Lage ist:

241° 1' westliche Länge von Greenwich, 22° 11' nördliche Breite
290 23 » » » » 22 36 » »

Positionswinkel des Eintritts = 62°
» » Austritts = 275°

Größe der Finsternis in Einheiten des Monddurchmessers = 1.358

Der Anfang der Finsternis ist sichtbar im Stillen Ozean, mit Ausnahme des südlichen Teiles, in Australien, im Indischen Ozean, in Asien, im östlichen Teil von Afrika, im östlichen Europa und im nördlichen Teil von Nord-Amerika. Das Ende ist sichtbar im westlichen Teil des Stillen Ozeans, in Australien, im Indischen Ozean, in Asien, Afrika und im nördlichen Teil von Nord-Amerika.

V. Partielle Sonnenfinsternis 1927 Dezember 24.

Konjunktion in Rektaszension Dezember 24, 4h 11m 34.6s Welt-Zeit

Rektaszension des Mondes	18h 5m 54.09s
Stündliche Aenderung	2 18.14
Rektaszension der Sonne	18 5 54.09
Stündliche Aenderung	11.11
Deklination des Mondes	−24° 35′ 42.6″
Stündliche Aenderung	− 2 30.3
Deklination der Sonne	−23 26 31.5
Stündliche Aenderung	+ 0 1.6
Äquatorialhorizontalparallaxe des Mondes	55 39.7
» der Sonne	8 9
Halbmesser des Mondes	15 9.3
» der Sonne	16 15.7

	Welt-Zeit	Westl. Länge von Greenwich	Geographische Breite
Anfang der Finsternis	Dez. 24, 2h 9.7m	326° 14′	−42° 43′
Größte Phase	» 3 59.2	47 45	−66 4
Ende der Finsternis	» 5 48.5	145 13	−50 48

Größe der Verfinsterung in Einheiten des Sonnendurchmessers = 0 549

Die Finsternis ist sichtbar im südlichen Eismeer und in den südlichen Teilen des Stillen, Atlantischen und Indischen Ozeans.

Elemente der partiellen Sonnenfinsternis 1927 Dezember 24

Welt-Zeit	x	y	log sin d	log cos d	μ	$l^{(a)}$
2h 0m	−1.14055	−1.14625	9.59965n	9.96260	210° 13.7′	+0.56608
10	1.05388	1.15392	9.59965n	9 96260	212 43.7	0.56607
20	0.96721	1.16159	9.59965n	9.96260	215 13.7	0.56606
30	0.88054	1.16924	9.59965n	9.96260	217 43.6	0.56605
40	0.79386	1.17688	9.59965n	9.96260	220 13.6	0.56603
50	0.70718	1.18451	9.59965n	9.96260	222 43.6	0.56602
3 0	−0 62050	−1.19213	9.59964n	9 96260	225 13.5	+0.56601
10	0.53382	1.19973	9.59964n	9.96260	227 43.5	0.56599
20	0.44713	1.20732	9.59964n	9.96260	230 13.5	0.56598
30	0.36044	1.21490	9.59964n	9.96260	232 43.4	0.56596
40	0.27375	1.22247	9.59964n	9.96260	235 13 4	0.56595
50	0.18706	1.23003	9.59964n	9.96260	237 43.3	0.56593
4 0	−0.10036	−1.23758	9.59964n	9.96260	240 13.3	+0.56591
10	−0.01366	1.24511	9.59963n	9.96260	242 43.3	0.56590
20	+0.07303	1.25263	9.59963n	9.96260	245 13.2	0.56588
30	0.15973	1.26014	9.59963n	9.96260	247 43.2	0.56586
40	0.24643	1.26763	9.59963n	9.96260	250 13.2	0.56584
50	0.33313	1.27512	9.59963n	9.96260	252 43.1	0.56582
5 0	+0.41983	−1.28259	9.59963n	9.96260	255 13.1	+0.56580
10	0.50653	1.29005	9.59962n	9.96260	257 43.0	0.56578
20	0.59323	1.29750	9.59962n	9.96260	260 13.0	0.56576
30	0.67993	1.30493	9.59962n	9.96260	262 43.0	0.56573
40	0.76664	1.31235	9.59962n	9.96260	265 12.9	0.56571
50	+0.85334	−1.31976	9.59962n	9.96260	267 42.9	+0.56569

x' und y' = Änderungen von x und y in einer Minute. log tang $f^{(a)}$ = 7.67713 für die ganze Dauer der Finsternis.

Merkurdurchgang 1927 November 10,

teilweise sichtbar in Berlin.

Konjunktion in Rektaszension November 10, $5^h\ 35^m\ 48^s.0$ Welt-Zeit

Rektaszension des Merkur	$14^h\ 57^m\ 25^s.93$
Stündliche Aenderung	— 12.31
Rektaszension der Sonne	14 57 25.93
Stündliche Aenderung	+ 10.06
Deklination des Merkur	$-16°\ 54'\ 34''.8$
Stündliche Aenderung	+1 46.4
Deklination der Sonne	—16 52 12.7
Stündliche Aenderung	—0 42.9
Äquatorialhorizontalparallaxe des Merkur	13.02
» der Sonne	8.89
Halbmesser des Merkur	4.94
» der Sonne	16′ 9.15

Geozentrischer Verlauf des Durchganges

		Welt-Zeit	Positionswinkel
Eintritt, äußere Berührung	Nov. 10,	$3^h\ 2^m\ 24^s.1$	$122°\ 32'$
» , innere »	»	3 4 5.5	122 36
Kleinster scheinbarer Abstand 2′ 8″ 9	»	5 45 56.7	
Austritt, innere Berührung	»	8 27 54.1	287 20
» , äußere Berührung	»	8 29 35.5	287 15

Merkur steht zu diesen Zeiten im Zenit der Orte, deren geographische Lage bezüglich ist:

$229°\ 24'$ westl. Länge von Greenwich,	$16°\ 59'$ südliche Breite
229 49 » » » » ,	16 59 » »
270 32 » » » » ,	16 54 » »
311 16 » » » » ,	16 49 » »
311 42 » » » » ,	16 49 » »

Der Eintritt ist sichtbar im Stillen Ozean, in Australien, Asien mit Ausnahme der nördlichen und westlichen Teile, im Indischen Ozean und im äußersten östlichen Teil von Afrika. Der Austritt ist sichtbar in Australien mit Ausnahme des östlichen Teiles, in Asien mit Ausnahme des nördlichen Teiles, im Indischen Ozean, in Europa, Afrika, im Atlantischen Ozean und im äußersten östlichen Teil von Süd-Amerika.

Für einen Ort mit der geozentrischen Breite φ', der Entfernung ρ vom Erdmittelpunkt und der westlichen Länge λ von Greenwich ergibt sich die Welt-Zeit der einzelnen Phasen aus folgenden Formeln:

Eintritt, außen	$3^h\ 2^m\ 24^s.1 + [1.3362]\ \rho \sin\varphi' - [1.5623]\ \rho\cos\varphi' \cos(128°\ 12'.9 - \lambda)$
» , innen	$3\ 4\ 5.5 + [1.3372]\ \rho \sin\varphi' - [1.5620]\ \rho\cos\varphi' \cos(128\ 37.0 - \lambda)$
Austritt, innen	$8\ 27\ 54.1 + [1.0857]\ \rho \sin\varphi' + [1.6085]\ \rho\cos\varphi' \cos(36\ 41.6 - \lambda)$
» , außen	$8\ 29\ 35.5 + [1.0876]\ \rho \sin\varphi' + [1.6083]\ \rho\cos\varphi' \cos(37\ 6.0 - \lambda)$

In Mitteleuropa ist nur der Austritt sichtbar. Die Welt-Zeit der inneren und äußeren Kontakte ist aus folgender Tabelle zu ersehen:

Geogr. Breite	Innere Berührung	Äußere Berührung	Geogr. Breite	Innere Berührung	Äußere Berührung	Geogr. Breite	Innere Berührung	Äußere Berührung
$\lambda = -25^m$			$\lambda = -55^m$			$\lambda = -85^m$		
45°	$8^h\ 28^m\ 24^s$	$8^h\ 30^m\ 5^s$	45°	$8^h\ 28^m\ 21^s$	$8^h\ 30^m\ 2^s$	45°	$8^h\ 28^m\ 18^s$	$8^h\ 29^m\ 59^s$
50	22	4	50	20	1	50	17	59
55	21	2	55	19	0	55	16	58

0^h Welt-Zeit	Mondbewegung			Lage des Mondäquators gegen den Erdäquator							
	☊	$L_{☾}$	$M_{☾}$	i		Δ		☊′		Δ − ☋	
1927	°	°	°	°		°		°		°	
Jan. − 6	97.3490	157.2383	165.08	23.692	14	280.833	524	356.199	6	3.484	6
+ 4	96.8195	289.0023	295.73	23.678	14	280.309	523	356.193	6	3.490	6
14	96.2899	60.7662	66.38	23.664	14	279.786	524	356.187	6	3.496	5
24	95.7604	192.5302	197.03	23.650	14	279.262	525	356.181	6	3.501	5
Febr. 3	95.2308	324.2942	327.68	23.636	14	278.737	524	356.175	5	3.506	6
13	94.7013	96.0582	98.33	23.622	14	278.213	525	356.170	5	3.512	4
23	94.1718	227.8221	228.98	23.608	14	277.688	525	356.165	5	3.516	5
März 5	93.6422	359.5861	359.63	23.594	14	277.163	526	356.160	4	3.521	4
15	93.1127	131.3500	130.28	23.580	14	276.637	525	356.156	4	3.525	3
25	92.5832	263.1140	260.93	23.566	15	276.112	526	356.152	3	3.528	4
April 4	92.0536	34.8780	31.58	23.551	14	275.586	527	356.149	4	3.532	3
14	91.5241	166.6420	162.23	23.537	14	275.059	526	356.145	3	3.535	3
24	90.9945	298.4059	292.88	23.523	14	274.533	527	356.142	2	3.538	3
Mai 4	90.4650	70.1699	63.53	23.509	14	274.006	527	356.140	3	3.541	2
14	89.9354	201.9338	194.18	23.495	15	273.479	528	356.137	2	3.543	2
24	89.4059	333.6978	324.83	23.480	14	272.951	528	356.135	1	3.545	2
Juni 3	88.8764	105.4618	95.48	23.466	14	272.423	528	356.134	2	3.547	1
13	88.3468	237.2258	226.13	23.452	14	271.895	528	356.132	1	3.548	2
23	87.8173	8.9897	356.78	23.438	14	271.367	529	356.131	0	3.550	0
Juli 3	87.2878	140.7537	127.43	23.424	15	270.838	529	356.131	1	3.550	1
13	86.7582	272.5177	258.08	23.409	14	270.309	529	356.130	0	3.551	0
23	86.2287	44.2816	28.73	23.395	14	269.780	530	356.130	1	3.551	0
Aug. 2	85.6991	176.0456	159.38	23.381	14	269.250	530	356.131	0	3.551	0
12	85.1696	307.8096	290.03	23.367	15	268.720	530	356.131	1	3.551	1
22	84.6401	79.5735	60.68	23.352	14	268.190	530	356.132	2	3.550	1
Sept. 1	84.1105	211.3375	191.33	23.338	14	267.660	531	356.134	1	3.549	1
11	83.5810	343.1015	321.98	23.324	14	267.129	532	356.135	2	3.548	2
21	83.0515	114.8654	92.63	23.310	14	266.597	531	356.137	2	3.546	2
Okt. 1	82.5219	246.6294	223.28	23.296	15	266.066	532	356.139	3	3.544	2
11	81.9924	18.3934	353.93	23.281	14	265.534	532	356.142	3	3.542	3
21	81.4628	150.1574	124.58	23.267	14	265.002	532	356.145	3	3.539	3
31	80.9333	281.9213	255.23	23.253	14	264.470	533	356.148	4	3.536	3
Nov. 10	80.4038	53.6853	25.88	23.239	14	263.937	533	356.152	4	3.533	3
20	79.8742	185.4492	156.53	23.225	14	263.404	533	356.156	4	3.530	4
30	79.3447	317.2132	287.18	23.211	14	262.871	534	356.160	5	3.526	4
Dez. 10	78.8152	88.9772	57.83	23.197	15	262.337	534	356.165	5	3.522	4
20	78.2856	220.7412	188.48	23.182	14	261.803	534	356.170	5	3.518	5
30	77.7561	352.5051	319.13	23.168	14	261.269	535	356.175	6	3.513	5
40	77.2265	124.2691	89.78	23.154		260.734		356.181		3.508	

Tag	$\alpha_☾ - \alpha_k$			$\delta_☾ - \delta_k$			log sin p_k		
	0ʰ Welt-Zeit								
1927	s	s	s	″	″	″			
Jan. 10	−12.46	−0.58		+102.5	−4.5		8.23826	−280	
11	−13.04	−0.24	+0.34	+98.0	−4.8	−0.3	8.23546	−311	−31
12	−13.28	+0.05	+0.29	+93.2	−5.0	−0.2	8.23235	−334	−23
13	−13.23	+0.31	+0.26	+88.2	−5.7	−0.7	8.22901	−348	−14
14	−12.92	+0.51	+0.20	+82.5	−6.9	−1.2	8.22553	−360	−12
15	−12.41	+0.67	+0.16	+75.6	−8.4	−1.5	8.22193	−371	−11
16	−11.74	+0.77	+0.10	+67.2	−10.2	−1.8	8.21822	−375	−4
17	−10.97	+0.82	+0.05	+57.0	−12.0	−1.8	8.21447	−372	+3
18	−10.15	+0.85	+0.03	+45.0	−13.5	−1.5	8.21075	−355	+17
19	−9.30	+0.88	+0.03	+31.5	−14.4	−0.9	8.20720	−318	+37
20	−8.42	+0.93	+0.05	+17.1	−14.9	−0.5	8.20402	−258	+60
21	−7.49	+1.02	+0.09	+2.2	−14.2	+0.7	8.20144	−176	+82
22	−6.47	+1.12	+0.10	−12.0	−12.7	+1.5	8.19968	−76	+100
23	−5.35	+1.23	+0.11	−24.7	−9.9	+2.8	8.19892	+46	+122
24	−4.12	+1.34	+0.11	−34.6	−5.7	+4.2	8.19938	+178	+132
25	−2.78	+1.40	+0.06	−40.3	−0.1	+5.6	8.20116	+315	+137
26	−1.38			−40.4			8.20431		
Febr. 8	−14.46	−0.17		+87.0	−5.0		8.23697	−513	
9	−14.63	+0.22	+0.39	+82.0	−4.2	+0.8	8.23184	−516	−3
10	−14.41	+0.56	+0.34	+77.8	−4.5	−0.3	8.22668	−494	+22
11	−13.85	+0.81	+0.25	+73.3	−6.0	−1.5	8.22174	−457	+37
12	−13.04	+0.96	+0.15	+67.3	−7.9	−1.9	8.21717	−414	+43
13	−12.08	+1.03	+0.07	+59.4	−10.3	−2.4	8.21303	−369	+45
14	−11.05	+1.01	−0.02	+49.1	−12.2	−1.9	8.20934	−325	+44
15	−10.04	+0.99	−0.02	+36.9	−13.7	−1.5	8.20609	−279	+46
16	−9.05	+0.99	0.00	+23.2	−14.1	−0.4	8.20330	−229	+50
17	−8.06	+1.01	+0.02	+9.1	−13.9	+0.2	8.20101	−172	+57
18	−7.05	+1.09	+0.08	−4.8	−12.6	+1.3	8.19929	−104	+68
19	−5.96	+1.20	+0.11	−17.4	−10.3	+2.3	8.19825	−22	+82
20	−4.76	+1.33	+0.13	−27.7	−6.8	+3.5	8.19803	+73	+95
21	−3.43	+1.45	+0.12	−34.5	−2.0	+4.8	8.19876	+183	+110
22	−1.98	+1.52	+0.07	−36.5	+3.8	+5.8	8.20059	+301	+118
23	−0.46	+1.45	−0.07	−32.7	+10.8	+7.0	8.20360	+423	+122
24	+0.99	+1.24	−0.21	−21.9	+18.0	+7.2	8.20783	+538	+115
25	+2.23			−3.9			8.21321		
März 10	−15.19	+0.57		+69.4	−4.3		8.22751	−634	
11	−14.62	+0.89	+0.32	+65.1	−5.5	−1.2	8.22117	−576	+58
12	−13.73	+1.08	+0.19	+59.6	−7.7	−2.2	8.21541	−499	+77
13	−12.65	+1.16	+0.08	+51.9	−10.1	−2.4	8.21042	−413	+86
14	−11.49	+1.15	−0.01	+41.8	−12.0	−1.9	8.20629	−328	+85
15	−10.34	+1.12	−0.03	+29.8	−13.1	−1.1	8.20301	−248	+80
16	−9.22		−0.01	+16.7		−0.2	8.20053		+77

Tag		0h Welt-Zeit								
		$\alpha_{☾} - \alpha_k$			$\delta_{☾} - \delta_k$			log sin p_k		
1927		s	s	s	"	"	"			
März	16	− 9.22	+1.11	−0.01	+ 16.7	−13.3	−0.2	8.20053	−171	+ 77
	17	− 8.11	+1.13	+0.02	+ 3.4	−12.3	+1.0	8.19882	− 99	+ 72
	18	− 6.98	+1.20	+0.07	− 8.9	−10.2	+2.1	8.19783	− 29	+ 70
	19	− 5.78	+1.29	+0.09	− 19.1	− 7.2	+3.0	8.19754	+ 40	+ 69
	20	− 4.49	+1.40	+0.11	− 26.3	− 2.9	+4.3	8.19794	+118	+ 78
	21	− 3.09	+1.49	+0.09	− 29.2	+ 2.2	+5.1	8.19912	+198	+ 80
	22	− 1.60	+1.51	+0.02	− 27.0	+ 8.5	+6.3	8.20110	+290	+ 92
	23	− 0.09	+1.41	−0.10	− 18.5	+15.0	+6.5	8.20400	+384	+ 94
	24	+ 1.32	+1.10	−0.31	− 3.5	+21.6	+6.6	8.20784	+482	+ 98
	25	+ 2.42	+0.53	−0.57	+ 18.1	+26.7	+5.1	8.21266	+573	+ 91
	26	+ 2.95	−0.26	−0.79	+ 44.8	+29.3	+2.6	8.21839	+644	+ 71
	27	+ 2.69			+ 74.1			8.22483		
April	8	−14.72	+0.78		+ 57.6	− 5.7		8.22254	−659	
	9	−13.94	+1.03	+0.25	+ 51.9	− 7.8	−2.1	8.21595	−574	+ 85
	10	−12.91	+1.15	+0.12	+ 44.1	− 9.9	−2.1	8.21021	−468	+106
	11	−11.76	+1.18	+0.03	+ 34.2	−11.6	−1.7	8.20553	−356	+112
	12	−10.58	+1.19	+0.01	+ 22.6	−12.3	−0.7	8.20197	−243	+113
	13	− 9.39	+1.20	+0.01	+ 10.3	−11.9	+0.4	8.19954	−139	+104
	14	− 8.19	+1.23	+0.03	− 1.6	−10.3	+1.6	8.19815	− 46	+ 93
	15	− 6.96	+1.28	+0.05	− 11.9	− 7.4	+2.9	8.19769	+ 37	+ 83
	16	− 5.68	+1.34	+0.06	− 19.3	− 3.6	+3.8	8.19806	+112	+ 75
	17	− 4.34	+1.41	+0.07	− 22.9	+ 1.4	+5.0	8.19918	+176	+ 64
	18	− 2.93	+1.43	+0.02	− 21.5	+ 7.1	+5.7	8.20094	+239	+ 63
	19	− 1.50	+1.35	−0.08	− 14.4	+13.2	+6.1	8.20333	+298	+ 59
	20	− 0.15	+1.13	−0.22	− 1.2	+19.3	+6.1	8.20631	+361	+ 63
	21	+ 0.98	+0.70	−0.43	+ 18.1	+24.1	+4.8	8.20992	+420	+ 59
	22	+ 1.68	+0.11	−0.59	+ 42.2	+27.1	+3.0	8.21412	+482	+ 62
	23	+ 1.79	−0.61	−0.72	+ 69.3	+27.0	−0.1	8.21894	+534	+ 52
	24	+ 1.18	−1.26	−0.65	+ 96.3	+23.3	−3.7	8.22428	+570	+ 36
	25	− 0.08			+119.6			8.22998		
Mai	8	−12.59	+1.03		+ 35.1	− 9.8		8.21104	−497	
	9	−11.56	+1.13	+0.10	+ 25.3	−11.0	−1.2	8.20607	−374	+123
	10	−10.43	+1.20	+0.07	+ 14.3	−11.3	−0.3	8.20233	−245	+129
	11	− 9.23	+1.25	+0.05	+ 3.0	−10.3	+1.0	8.19988	−120	+125
	12	− 7.98	+1.29	+0.04	− 7.3	− 7.9	+2.4	8.19868	− 3	+117
	13	− 6.69	+1.34	+0.05	− 15.2	− 4.4	+3.5	8.19865	+100	+103
	14	− 5.35	+1.36	+0.02	− 19.6	+ 0.4	+4.8	8.19965	+185	+ 85
	15	− 3.99	+1.36	0.00	− 19.2	+ 5.9	+5.5	8.20150	+253	+ 68
	16	− 2.63	+1.25	−0.11	− 13.3	+12.0	+6.1	8.20403	+303	+ 50
	17	− 1.38	+1.04	−0.21	− 1.3	+17.8	+5.8	8.20706	+341	+ 38
	18	− 0.34	+0.64	−0.40	+ 16.5	+22.6	+4.8	8.21047	+367	+ 26
	19	+ 0.30		−0.54	+ 39.1		+2.8	8.21414		+ 22

Tag		0h Welt-Zeit								
		$\alpha_☾ - \alpha_k$			$\delta_☾ - \delta_k$			log sin p_k		
1927		s	s	s	"	'	"			
Mai	19	+ 0.30	+0.10	−0.54	+ 39.1	+25.4	+2.8	8.21414	+389	+ 22
	20	+ 0.40	−0.51	−0.61	+ 64.5	+25.5	+0.1	8.21803	+404	+ 15
	21	− 0.11	−1.05	−0.54	+ 90.0	+22.4	−3.1	8.22207	+416	+ 12
	22	− 1.16	−1.40	−0.35	+112.4	+17.1	−5.3	8.22623	+421	+ 5
	23	− 2.56	−1.53	−0.13	+129.5	+10.2	−6.9	8.23044	+412	− 9
	24	− 4.09	−1.50	+0.03	+139.7	+ 3.1	−7.1	8.23456	+386	− 26
	25	− 5.59			+142.8			8.23842		
Juni	6	−10.86	+1.06		+ 15.4	−10.3		8.20653	−364	
	7	− 9.80	+1.18	+0.12	+ 5.1	−10.0	+0.3	8.20289	−234	+130
	8	− 8.62	+1.28	+0.10	− 4.9	− 8.3	+1.7	8.20055	− 96	+138
	9	− 7.34	+1.34	+0.06	− 13.2	− 5.4	+2.9	8.19959	+ 34	+130
	10	− 6.00	+1.39	+0.05	− 18.6	− 1.0	+4.4	8.19993	+157	+123
	11	− 4.61	+1.37	−0.02	− 19.6	+ 4.3	+5.3	8.20150	+260	+103
	12	− 3.24	+1.27	−0.10	− 15.3	+10.4	+6.1	8.20410	+338	+ 78
	13	− 1.97	+1.03	−0.24	− 4.9	+16.6	+6.2	8.20748	+392	+ 54
	14	− 0.94	+0.62	−0.41	+ 11.7	+21.8	+5.2	8.21140	+419	+ 27
	15	− 0.32	+0.03	−0.59	+ 33.5	+24.9	+3.1	8.21559	+421	+ 2
	16	− 0.29	−0.62	−0.65	+ 58.4	+25.0	+0.1	8.21980	+403	− 18
	17	− 0.91	−1.18	−0.56	+ 83.4	+21.9	−3.1	8.22383	+369	− 34
	18	− 2.09	−1.51	−0.33	+105.3	+16.4	−5.5	8.22752	+329	− 40
	19	− 3.60	−1.57	−0.06	+121.7	+ 9.8	−6.6	8.23081	+283	− 46
	20	− 5.17	−1.43	+0.14	+131.5	+ 3.4	−6.4	8.23364	+236	− 47
	21	− 6.60	−1.20	+0.23	+134.9	− 2.4	−5.8	8.23600	+188	− 48
	22	− 7.80	−0.95	+0.25	+132.5	− 6.9	−4.5	8.23788	+133	− 55
	23	− 8.75			+125.6			8.23921		
Juli	6	− 7.68	+1.33		− 11.4	− 6.1		8.20065	− 69	
	7	− 6.35	+1.41	+0.08	− 17.5	− 2.6	+3.5	8.19996	+ 71	+140
	8	− 4.94	+1.47	+0.06	− 20.1	+ 2.3	+4.9	8.20067	+204	+133
	9	− 3.47	+1.39	−0.08	− 17.8	+ 8.2	+5.9	8.20271	+325	+121
	10	− 2.08	+1.21	−0.18	− 9.6	+14.6	+6.4	8.20596	+423	+ 98
	11	− 0.87	+0.81	−0.40	+ 5.0	+20.7	+6.1	8.21019	+490	+ 67
	12	− 0.06	+0.19	−0.62	+ 25.7	+24.8	+4.1	8.21509	+522	+ 32
	13	+ 0.13	−0.57	−0.76	+ 50.5	+26.0	+1.2	8.22031	+515	− 7
	14	− 0.44	−1.30	−0.73	+ 76.5	+23.3	−2.7	8.22546	+472	− 43
	15	− 1.74	−1.80	−0.50	+ 99.8	+17.3	−6.0	8.23018	+397	− 75
	16	− 3.54	−1.94	−0.14	+117.1	+ 9.8	−7.5	8.23415	+302	− 95
	17	− 5.48	−1.79	+0.15	+126.9	+ 2.3	−7.5	8.23717	+197	−105
	18	− 7.27	−1.47	+0.32	+129.2	− 3.5	−5.8	8.23914	+ 94	−103
	19	− 8.74	−1.12	+0.35	+125.7	− 7.6	−4.1	8.24008	0	− 94
	20	− 9.86	−0.79	+0.33	+118.1	−10.0	−2.4	8.24008	− 77	− 77
	21	−10.65	−0.54	+0.25	+108.1	−11.3	−1.3	8.23931	−141	− 64
	22	−11.19			+ 96.8			8.23790		

Tag	0h Welt-Zeit								
	$\alpha_☾ - \alpha_k$			$\delta_☾ - \delta_k$			log sin p_k		
1927									
Aug. 4	−5.26 s	+1.52 s		−18.1"	+0.5"		8.19950	+99	
5	−3.74	+1.55	+0.03 s	−17.6	+5.8	+5.3"	8.20049	+235	+136
6	−2.19	+1.46	−0.09	−11.8	+11.9	+6.1	8.20284	+367	+132
7	−0.73	+1.16	−0.30	+0.1	+18.5	+6.6	8.20651	+481	+114
8	+0.43	+0.63	−0.53	+18.6	+23.8	+5.3	8.21132	+570	+89
9	+1.06	−0.14	−0.77	+42.4	+26.8	+3.0	8.21702	+622	+52
10	+0.92	−1.02	−0.88	+69.2	+26.0	−0.8	8.22324	+625	+3
11	−0.10	−1.79	−0.77	+95.2	+20.9	−5.1	8.22949	+582	−43
12	−1.89	−2.22	−0.43	+116.1	+12.5	−8.4	8.23531	+486	−96
13	−4.11	−2.27	−0.05	+128.6	+3.4	−9.1	8.24017	+349	−137
14	−6.38	−2.04	+0.23	+132.0	−4.7	−8.1	8.24366	+191	−158
15	−8.42	−1.65	+0.39	+127.3	−10.1	−5.4	8.24557	+24	−167
16	−10.07	−1.26	+0.39	+117.2	−12.8	−2.7	8.24581	−127	−151
17	−11.33	−0.90	+0.36	+104.4	−13.2	−0.4	8.24454	−251	−124
18	−12.23	−0.59	+0.31	+91.2	−12.2	+1.0	8.24203	−341	−90
19	−12.82	−0.33	+0.26	+79.0	−10.7	+1.5	8.23862	−396	−55
20	−13.15			+68.3			8.23466		
Sept. 4	+0.37	+1.10		+15.2	+21.5		8.20596	+497	
5	+1.47	+0.48	−0.62	+36.7	+25.9	+4.4	8.21093	+601	+104
6	+1.95	−0.35	−0.83	+62.6	+27.5	+1.6	8.21694	+676	+75
7	+1.60	−1.23	−0.88	+90.1	+24.9	−2.6	8.22370	+708	+32
8	+0.37	−1.96	−0.73	+115.0	+18.0	−6.9	8.23078	+685	−23
9	−1.59	−2.33	−0.37	+133.0	+8.3	−9.7	8.23763	+600	−85
10	−3.92	−2.37	−0.04	+141.3	−1.9	−10.2	8.24363	+455	−145
11	−6.29	−2.17	+0.20	+139.4	−10.4	−8.5	8.24818	+266	−189
12	−8.46	−1.86	+0.31	+129.0	−15.9	−5.5	8.25084	+52	−214
13	−10.32	−1.53	+0.33	+113.1	−17.7	−1.8	8.25136	−159	−211
14	−11.85	−1.19	+0.34	+95.4	−16.6	+1.1	8.24977	−340	−181
15	−13.04	−0.87	+0.32	+78.8	−13.6	+3.0	8.24637	−475	−135
16	−13.91	−0.54	+0.33	+65.2	−10.1	+3.5	8.24162	−558	−83
17	−14.45	−0.18	+0.36	+55.1	−7.0	+3.1	8.23604	−589	−31
18	−14.63	+0.15	+0.33	+48.1	−5.1	+1.9	8.23015	−581	+8
19	−14.48			+43.0			8.22434		
Okt. 4	+2.07	−0.49		+85.0	+26.3		8.21571	+660	
5	+1.58	−1.23	−0.74	+111.3	+22.3	−4.0	8.22231	+715	+55
6	+0.35	−1.79	−0.56	+133.6	+14.7	−7.6	8.22946	+723	+8
7	−1.44	−2.07	−0.28	+148.3	+4.8	−9.9	8.23669	+674	−49
8	−3.51	−2.12	−0.05	+153.1	−5.4	−10.2	8.24343	+559	−115
9	−5.63	−2.03	+0.09	+147.7	−14.3	−8.9	8.24902	+379	−180
10	−7.66	−1.88	+0.15	+133.4	−20.0	−5.7	8.25281	+156	−223
11	−9.54		+0.18	+113.4		−1.8	8.25437		−244

Tag		0^h Welt-Zeit								
		$\alpha_☾ - \alpha_k$			$\delta_☾ - \delta_k$			$\log \sin p_k$		
1927		s	s	s	″	″	″			
Okt.	11	− 9.54	−1.70	+0.18	+113.4	−21.8	−1.8	8.25437	− 88	−244
	12	−11.24	−1.50	+0.20	+ 91.6	−19.9	+1.9	8.25349	−317	−229
	13	−12.74	−1.24	+0.26	+ 71.7	−15.4	+4.5	8.25032	−504	−187
	14	−13.98	−0.90	+0.34	+ 56.3	−10.1	+5.3	8.24528	−630	−126
	15	−14.88	−0.44	+0.46	+ 46.2	− 5.7	+4.4	8.23898	−692	− 62
	16	−15.32	+0.04	+0.48	+ 40.5	− 3.4	+2.3	8.23206	−698	− 6
	17	−15.28	+0.46	+0.42	+ 37.1	− 3.0	+0.4	8.22508	−655	+ 43
	18	−14.82			+ 34.1			8.21853		
Nov.	2	+ 0.50	−1.11		+128.8	+18.0		8.22085	+633	
	3	− 0.61	−1.41	−0.30	+146.8	+10.6	−7.4	8.22718	+661	+ 28
	4	− 2.02	−1.55	−0.14	+157.4	+ 1.5	−9.1	8.23379	+649	− 12
	5	− 3.57	−1.57	−0.02	+158.9	− 7.6	−9.1	8.24028	+579	− 70
	6	− 5.14	−1.56	+0.01	+151.3	−15.9	−8.3	8.24607	+447	−132
	7	− 6.70	−1.57	−0.01	+135.4	−21.6	−5.7	8.25054	+260	−187
	8	− 8.27	−1.58	−0.01	+113.8	−23.9	−2.3	8.25314	+ 33	−227
	9	− 9.85	−1.59	−0.01	+ 89.9	−22.1	+1.8	8.25347	−204	−237
	10	−11.44	−1.49	+0.10	+ 67.8	−17.2	+4.9	8.25143	−421	−217
	11	−12.93	−1.22	+0.27	+ 50.6	−10.9	+6.3	8.24722	−588	−167
	12	−14.15	−0.76	+0.46	+ 39.7	− 5.5	+5.4	8.24134	−695	−107
	13	−14.91	−0.21	+0.55	+ 34.2	− 2.6	+2.9	8.23439	−734	− 39
	14	−15.12	+0.32	+0.53	+ 31.6	− 2.1	+0.5	8.22705	−713	+ 21
	15	−14.80	+0.72	+0.40	+ 29.5	− 3.2	−1.1	8.21992	−647	+ 66
	16	−14.08	+1.00	+0.28	+ 26.3	− 4.9	−1.7	8.21345	−547	+100
	17	−13.08			+ 21.4			8.20798		
Dez.	2	− 3.46	−1.00		+156.6	− 2.2		8.23149	+514	
	3	− 4.46	−0.96	+0.04	+154.4	− 9.6	−7.4	8.23663	+477	− 37
	4	− 5.42	−0.96	0.00	+144.8	−16.2	−6.6	8.24140	+398	− 79
	5	− 6.38	−1.03	−0.07	+128.6	−21.2	−5.0	8.24538	+271	−127
	6	− 7.41	−1.18	−0.15	+107.4	−23.2	−2.0	8.24809	+104	−167
	7	− 8.59	−1.34	−0.16	+ 84.2	−22.0	+1.2	8.24913	− 91	−195
	8	− 9.93	−1.43	−0.09	+ 62.2	−17.5	+4.5	8.24822	−289	−198
	9	−11.36	−1.30	+0.13	+ 44.7	−11.4	+6.1	8.24533	−463	−174
	10	−12.66	−0.94	+0.36	+ 33.3	− 5.9	+5.5	8.24070	−595	−132
	11	−13.60	−0.41	+0.53	+ 27.4	− 2.5	+3.4	8.23475	−670	− 75
	12	−14.01	+0.12	+0.53	+ 24.9	− 1.8	+0.7	8.22805	−684	− 14
	13	−13.89	+0.57	+0.45	+ 23.1	− 2.6	−0.8	8.22121	−648	+ 36
	14	−13.32	+0.90	+0.33	+ 20.5	− 4.0	−1.4	8.21473	−565	+ 83
	15	−12.42	+1.13	+0.23	+ 16.5	− 4.8	−0.8	8.20908	−455	+110
	16	−11.29	+1.31	+0.18	+ 11.7	− 4.7	+0.1	8.20453	−323	+132
	17	− 9.98			+ 7.0			8.20130		

Verfinsterungen: E. Eintritte, A. Austritte (in Welt-Zeit)

TRABANT I

		h	m	
Jan.	1	16	41.1	A.
	3	11	9.8	A.
	5	5	38.6	A.
	7	0	7.3	A.
	8	18	36.1	A.
	10	13	4.8	A.
	12	7	33.6	A.
	14	2	2.3	A.
	15	20	31.0	A.
	17	14	59.7	A.
	19	9	28.5	A.
	21	3	57.2	A.
	22	22	25.9	A.
	24	16	54.6	A.
	26	11	23.3	A.
	28	5	52.1	A.
	30	0	20.8	A.
	31	18	49.4	A.
Febr.	2	13	18.1	A.
	4	7	46.8	A.
	6	2	15.5	A.
	7	20	44.2	A.
	9	15	12.9	A.
Febr.	11	9	41.6	A.
April	10	17	9.7	E.
	12	11	38.3	E.
	14	6	6.8	E.
	16	0	35.4	E.
	17	19	4.0	E.
	19	13	32.6	E.
	21	8	1.1	E.
	23	2	29.7	E.
	24	20	58.3	E.
	26	15	26.9	E.
	28	9	55.4	E.
	30	4	24.0	E.
Mai	1	22	52.5	E.
	3	17	21.1	E.
	5	11	49.6	E.
	7	6	18.2	E.
	9	0	46.8	E.
	10	19	15.3	E.
	12	13	43.8	E.
	14	8	12.4	E.
	16	2	41.0	E.
	17	21	9.6	E.
	19	15	38.1	E.
	21	10	6.6	E.
	23	4	35.2	E.

TRABANT I

		h	m	
Mai	24	23	3.8	E.
	26	17	32.2	E.
	28	12	0.8	E.
	30	6	29.3	E.
Juni	1	0	57.9	E.
	2	19	26.4	E.
	4	13	55.0	E.
	6	8	23.5	E.
	8	2	52.1	E.
	9	21	20.6	E.
	11	15	49.2	E.
	13	10	17.7	E.
	15	4	46.3	E.
	16	23	14.8	E.
	18	17	43.4	E.
	20	12	11.9	E.
	22	6	40.5	E.
	24	1	9.0	E.
	25	19	37.6	E.
	27	14	6.1	E.
	29	8	34.7	E.
Juli	1	3	3.2	E.
	2	21	31.8	E.
	4	16	0.3	E.
	6	10	29.0	E.
	8	4	57.5	E.
	9	23	26.1	E.
	11	17	54.6	E.
	13	12	23.3	E.
	15	6	51.8	E.
	17	1	20.4	E.
	18	19	49.0	E.
	20	14	17.6	E.
	22	8	46.1	E.
	24	3	14.6	E.
	25	21	43.3	E.
	27	16	11.9	E.
	29	10	40.5	E.
	31	5	9.1	E.
Aug.	1	23	37.7	E.
	3	18	6.3	E.
	5	12	34.9	E.
	7	7	3.6	E.
	9	1	32.2	E.
	10	20	0.8	E.
	12	14	29.4	E.
	14	8	58.1	E.
	16	3	26.7	E.
	17	21	55.4	E.

TRABANT I

		h	m	
Aug.	19	16	24.0	E.
	21	10	52.7	E.
	23	5	21.3	E.
	24	23	50.1	E.
	26	18	18.7	E.
	28	12	47.4	E.
	30	7	16.0	E.
Sept.	1	1	44.8	E.
	2	20	13.5	E.
	4	14	42.2	E.
	6	9	10.9	E.
	8	3	39.7	E.
	9	22	8.3	E.
	11	16	37.1	E.
	13	11	5.8	E.
	15	5	34.6	E.
	17	0	3.3	E.
	18	18	32.1	E.
	20	13	0.8	E.
	22	7	29.6	E.
	22	9	44.5	A.
	24	4	13.2	A.
	25	22	42.0	A.
	27	17	10.7	A.
	29	11	39.5	A.
Okt.	1	6	8.2	A.
	3	0	37.1	A.
	4	19	5.8	A.
	6	13	34.7	A.
	8	8	3.4	A.
	10	2	32.2	A.
	11	21	1.0	A.
	13	15	29.8	A.
	15	9	58.6	A.
	17	4	27.4	A.
	18	22	56.2	A.
	20	17	25.1	A.
	22	11	53.9	A.
	24	6	22.8	A.
	26	0	51.6	A.
	27	19	20.5	A.
	29	13	49.3	A.
	31	8	18.2	A.
Nov.	2	2	47.0	A.
	3	21	15.9	A.
	5	15	44.7	A.
	7	10	13.6	A.
	9	4	42.5	A.
	10	23	11.4	A.

TRABANT I

		h	m	
Nov.	12	17	40.2	A.
	14	12	9.1	A.
	16	6	37.9	A.
	18	1	6.8	A.
	19	19	35.7	A.
	21	14	4.6	A.
	23	8	33.5	A.
	25	3	2.3	A.
	26	21	31.2	A.
	28	16	0.1	A.
	30	10	29.0	A.
Dez.	2	4	57.9	A.
	3	23	26.8	A.
	5	17	55.7	A.
	7	12	24.5	A.
	9	6	53.4	A.
	11	1	22.3	A.
	12	19	51.2	A.
	14	14	20.1	A.
	16	8	49.0	A.
	18	3	17.8	A.
	19	21	46.7	A.
	21	16	15.6	A.
	23	10	44.5	A.
	25	5	13.3	A.
	26	23	42.2	A.
	28	18	11.1	A.
	30	12	39.9	A.

TRABANT II

		h	m	
Jan.	3	12	58.2	A.
	7	2	17.8	A.
	10	15	36.7	A.
	14	4	56.2	A.
	17	18	14.9	A.
	21	7	34.5	A.
	24	20	53.1	A.
	28	10	12.5	A.
	31	23	31.1	A.
Febr.	4	12	50.5	A.
	8	2	9.0	A.
Febr.	11	15	28.2	A.
April	12	22	52.8	E.
	16	12	11.0	E.
	20	1	28.9	E.
	23	14	46.9	E.
	27	4	4.7	E.
	30	17	22.6	E.
Mai	4	6	40.3	E.

Verfinsterungen: E. Eintritte, A. Austritte (in Welt-Zeit)

TRABANT II

Datum		h	m	
Mai	7	19	58.1	E.
	11	9	15.8	E.
	14	22	33.5	E.
	18	11	51.0	E.
	22	1	8.6	E.
	25	14	26.1	E.
	29	3	43.5	E.
Juni	1	17	1.0	E.
	5	6	18.4	E.
	8	19	35.7	E.
	8	22	18.8	A.
	12	8	53.1	E.
	12	11	35.9	A.
	15	22	10.4	E.
	16	0	53.0	A.
	19	11	27.7	E.
	19	14	10.0	A.
	23	0	45.0	E.
	23	3	27.1	A.
	26	14	2.2	E.
	26	16	44.1	A.
	30	3	19.5	E.
	30	6	1.1	A.
Juli	3	16	36.7	E.
	3	19	18.1	A.
	7	5	53.9	E.
	7	8	35.1	A.
	10	19	11.2	E.
	10	21	52.1	A.
	14	8	28.3	E.
	17	21	45.5	E.
	21	11	2.7	E.
	25	0	19.9	E.
	28	13	37.1	E.
Aug.	1	2	54.4	E.
	4	16	11.6	E.
	8	5	28.9	E.
	11	18	46.3	E.
	15	8	3.6	E.
	18	21	21.0	E.
	22	10	38.3	E.
	25	23	55.9	E.
	29	13	13.4	E.
Sept.	2	2	30.9	E.
	5	15	48.5	E.
	9	5	6.2	E.
	12	18	23.9	E.
	16	7	41.7	E.
	19	20	59.4	E.

TRABANT II

Datum		h	m	
Sept.	23	12	54.5	A.
	27	2	12.3	A.
	30	15	30.1	A.
Okt.	4	4	48.0	A.
	7	18	6.0	A.
	11	7	24.0	A.
	14	20	42.2	A.
	18	10	0.3	A.
	21	23	18.6	A.
	25	12	36.8	A.
	29	1	55.3	A.
Nov.	1	15	13.6	A.
	5	4	32.2	A.
	8	17	50.6	A.
	12	7	9.2	A.
	15	20	27.8	A.
	19	9	46.8	A.
	22	23	5.3	A.
	26	12	24.3	A.
	29	23	9.0	E.
	30	1	43.0	A.
Dez.	3	12	28.4	E.
	3	15	2.2	A.
	7	1	47.2	E.
	7	4	20.8	A.
	10	15	6.7	E.
	10	17	40.1	A.
	14	4	25.6	E.
	14	6	58.8	A.
	17	17	45.1	E.
	17	20	18.2	A.
	21	7	4.2	E.
	21	9	37.0	A.
	24	20	23.8	E.
	24	22	56.5	A.
	28	9	42.8	E.
	28	12	15.3	A.
	31	23	2.6	E.

TRABANT III

Datum		h	m	
Jan.	1	17	44.6	E.
	1	21	13.4	A.
	9	1	14.2	A.
	16	5	15.0	A.
	23	9	15.7	A.
	30	13	16.4	A.
Febr.	6	17	17.5	A.
April	12	2	3.6	E.
	19	6	4.5	E.

TRABANT III

Datum		h	m	
April	19	9	21.3	A.
	26	10	5.2	E.
	26	13	21.2	A.
Mai	3	14	5.8	E.
	3	17	21.0	A.
	10	18	6.7	E.
	10	21	20.9	A.
	17	22	8.0	E.
	18	1	21.3	A.
	25	2	8.9	E.
	25	5	21.2	A.
Juni	1	6	10.2	E.
	1	9	21.4	A.
	8	10	10.8	E.
	8	13	21.0	A.
	15	14	11.4	E.
	15	17	20.7	A.
	22	18	12.2	E.
	22	21	20.4	A.
	29	22	13.0	E.
	30	1	20.2	A.
Juli	7	2	14.5	E.
	7	5	20.7	A.
	14	6	15.5	E.
	14	9	20.6	A.
	21	10	16.9	E.
	21	13	20.9	A.
	28	14	17.8	E.
	28	17	20.7	A.
Aug.	4	18	18.7	E.
	4	21	20.5	A.
	11	22	19.8	E.
	12	1	20.5	A.
	19	2	21.2	E.
	19	5	20.7	A.
	26	6	23.2	E.
Sept.	2	10	24.7	E.
	9	14	26.7	E.
	16	18	28.3	E.
	24	1	23.6	A.
Okt.	1	5	24.2	A.
	8	9	25.2	A.
	15	13	26.8	A.
	22	14	39.2	E.
	22	17	28.0	A.
	29	18	41.9	E.
	29	21	29.6	A.
Nov.	5	22	44.2	E.
	6	1	30.6	A.

TRABANT III

Datum		h	m	
Nov.	13	2	46.4	E.
	13	5	31.7	A.
	20	6	49.0	E.
	20	9	33.0	A.
	27	10	51.8	E.
	27	13	34.5	A.
Dez.	4	14	55.1	E.
	4	17	36.6	A.
	11	18	57.9	E.
	11	21	38.1	A.
	18	23	0.9	E.
	19	1	39.9	A.
	26	3	3.4	E.
	26	5	41.0	A.

TRABANT IV

Datum		h	m	
Jan.	7	6	36.8	E.
	7	11	6.6	A.
	24	0	51.9	E.
	24	5	17.4	A.
Febr.	9	23	27.2	A.
April	17	20	4.9	E.
	18	0	1.5	A.
Mai	4	14	19.8	E.
	4	18	9.0	A.
	21	8	34.3	E.
	21	12	15.6	A.
Juni	7	2	49.1	E.
	7	6	21.8	A.
	23	21	4.7	E.
	24	0	28.2	A.
Juli	10	15	20.5	E.
	10	18	33.8	A.
	27	9	36.9	E.
	27	12	39.4	A.
Aug.	13	3	54.8	E.
	13	6	45.2	A.
	29	22	13.1	E.
	30	0	50.6	A.
Sept.	15	16	33.5	E.
	15	18	56.1	A.
Okt.	2	10	55.5	E.
	2	13	1.8	A.
	19	5	19.4	E.
	19	7	6.3	A.
Nov.	4	23	46.5	E.
	5	1	9.5	A.
	21	18	19.1	E.
	21	19	8.8	A.

0h Welt-Zeit	α	β	p_a	a	b	U'	B'	P'
1927	"	"	"	"	'	°	°	°
Jan. —2	15.47	14.17	—0.01	34.85	+14.82	69.435	+24.531	—9.526
+2	15.53	14.22	0.01	34.98	14.90	69.567	24.554	9.467
6	15.59	14.28	0.02	35.12	14.98	69.699	24.577	9.408
10	15.66	14.34	0.02	35.27	15.07	69.831	24.599	9.348
14	15.73	14.41	0.02	35.43	15.16	69.963	24.622	9.289
18	15.81	14.48	—0.02	35.60	+15.26	70.096	+24.644	—9.229
22	15.89	14.55	0.03	35.78	15.36	70.228	24.667	9.170
26	15.98	14.63	0.03	35.98	15.46	70.361	24.689	9.110
30	16.07	14.71	0.03	36.19	15.56	70.493	24.712	9.051
Febr. 3	16.16	14.80	0.03	36.40	15.67	70.626	24.734	8.991
7	16.26	14.89	—0.04	36.62	+15.77	70.758	+24.757	—8.931
11	16.36	14.98	0.04	36.85	15.88	70.891	24.779	8.871
15	16.46	15.08	0.04	37.09	15.99	71.023	24.801	8.812
19	16.57	15.18	0.04	37.33	16.10	71.156	24.823	8.752
23	16.68	15.28	0.04	37.58	16.21	71.289	24.845	8.692
27	16.79	15.38	—0.04	37.83	+16.32	71.422	+24.867	—8.632
März 3	16.90	15.48	0.04	38.08	16.43	71.554	24.889	8.572
7	17.02	15.59	0.04	38.34	16.55	71.687	24.910	8.512
11	17.13	15.69	0.04	38.60	16.66	71.820	24.931	8.452
15	17.25	15.80	0.04	38.86	16.77	71.953	24.952	8.392
19	17.37	15.91	—0.04	39.12	+16.87	72.085	+24.973	—8.332
23	17.48	16.01	0.04	39.37	16.97	72.218	24.994	8.272
27	17.59	16.11	0.03	39.62	17.07	72.351	25.015	8.212
31	17.70	16.21	0.03	39.86	17.16	72.484	25.035	8.151
April 4	17.80	16.31	0.03	40.10	17.25	72.617	25.056	8.091
8	17.90	16.40	—0.03	40.33	+17.34	72.750	+25.076	—8.030
12	17.99	16.49	0.02	40.55	17.42	72.883	25.097	7.970
16	18.08	16.57	0.02	40.75	17.49	73.016	25.117	7.909
20	18.17	16.65	0.02	40.94	17.56	73.149	25.137	7.849
24	18.25	16.72	0.01	41.11	17.62	73.282	25.157	7.788
28	18.32	16.78	—0.01	41.27	+17.67	73.415	+25.177	—7.728
Mai 2	18.39	16.84	0.01	41.41	17.71	73.548	25.197	7.667
6	18.45	16.89	—0.01	41.53	17.74	73.681	25.217	7.607
10	18.49	16.93	0.00	41.64	17.76	73.814	25.236	7.546
14	18.52	16.96	0.00	41.72	17.77	73.947	25.256	7.485
18	18.55	16.98	0.00	41.78	+17.77	74.081	+25.275	—7.424
22	18.57	16.99	0.00	41.82	17.76	74.214	25.294	7.363
26	18.57	17.00	0.00	41.83	17.75	74.347	25.313	7.302
30	18.56	16.99	0.00	41.82	17.73	74.480	25.332	7.241
Juni 3	18.55	16.98	0.00	41.79	17.69	74.614	25.350	7.180
7	18.53	16.96	0.00	41.74	+17.65	74.747	+25.369	—7.119
11	18.50	16.93	0.00	41.67	17.60	74.881	25.387	7.058
15	18.46	16.89	0.00	41.58	17.54	75.014	25.406	6.997
19	18.41	16.85	+0.01	41.46	17.47	75.148	25.424	6.935
23	18.35	16.80	0.01	41.33	17.40	75.281	25.443	6.874
27	18.28	16.73	+0.01	41.18	+17.32	75.415	+25.461	—6.813
Juli 1	18.21	16.66	0.02	41.01	17.24	75.548	25.479	6.752

0h Welt-Zeit		α	β	p_a	a	b	U'	B'	P'
1927									
Juli	1	18.21″	16.66″	+0.02′	41.01″	+17.24″	75.548°	+25.479°	−6.752°
	5	18.13	16.59	0.02	40.83	17.15	75.682	25.497	6.690
	9	18.04	16.51	0.02	40.63	17.06	75.815	25.515	6.629
	13	17.95	16.42	0.03	40.42	16.97	75.949	25.532	6.567
	17	17.85	16.33	0.03	40.20	16.87	76.082	25.550	6.506
	21	17.75	16.23	+0.03	39.97	+16.77	76.216	+25.567	−6.444
	25	17.64	16.14	0.03	39.73	16.67	76.349	25.584	6.383
	29	17.53	16.04	0.04	39.49	16.57	76.483	25.601	6.321
Aug.	2	17.42	15.94	0.04	39.24	16.47	76.617	25.618	6.260
	6	17.31	15.84	0.04	38.99	16.38	76.751	25.635	6.198
	10	17.20	15.74	+0.04	38.74	+16.28	76.884	+25.652	−6.137
	14	17.08	15.63	0.04	38.48	16.19	77.018	25.668	6.075
	18	16.96	15.52	0.04	38.22	16.10	77.152	25.685	6.013
	22	16.85	15.42	0.04	37.96	16.01	77.286	25.701	5.951
	26	16.74	15.32	0.04	37.71	15.92	77.420	25.717	5.889
	30	16.63	15.22	+0.04	37.46	+15.84	77.554	+25.733	−5.827
Sept.	3	16.52	15.12	0.04	37.22	15.76	77.688	25.749	5.765
	7	16.42	15.03	0.04	36.98	15.68	77.822	25.765	5.703
	11	16.31	14.93	0.04	36.75	15.61	77.956	25.781	5.641
	15	16.21	14.84	0.04	36.52	15.54	78.090	25.796	5.579
	19	16.11	14.75	+0.03	36.30	+15.48	78.224	+25.812	−5.517
	23	16.02	14.67	0.03	36.09	15.42	78.358	25.827	5.455
	27	15.93	14.59	0.03	35.89	15.36	78.492	25.842	5.393
Okt.	1	15.85	14.51	0.03	35.69	15.31	78.626	25.857	5.331
	5	15.77	14.44	0.03	35.50	15.26	78.760	25.872	5.269
	9	15.69	14.37	+0.02	35.33	+15.22	78.894	+25.887	−5.206
	13	15.62	14.31	0.02	35.17	15.18	79.028	25.902	5.144
	17	15.55	14.25	0.02	35.02	15.15	79.162	25.916	5.082
	21	15.49	14.19	0.02	34.88	15.12	79.296	25.931	5.020
	25	15.43	14.14	0.01	34.75	15.10	79.430	25.945	4.957
	29	15.38	14.09	+0.01	34.63	+15.08	79.564	+25.959	−4.895
Nov.	2	15.33	14.05	0.01	34.53	15.06	79.698	25.973	4.832
	6	15.29	14.01	0.01	34.44	15.05	79.832	25.987	4.770
	10	15.25	13.98	0.01	34.35	15.04	79.967	26.001	4.707
	14	15.22	13.96	+0.00	34.28	15.04	80.101	26.015	4.645
	18	15.20	13.94	0.00	34.23	+15.04	80.235	+26.028	−4.582
	22	15.18	13.92	0.00	34.19	15.05	80.369	26.042	4.520
	26	15.17	13.91	0.00	34.16	15.06	80.504	26.055	4.457
	30	15.16	13.90	0.00	34.14	15.07	80.638	26.069	4.395
Dez.	4	15.16	13.90	0.00	34.14	15.09	80.773	26.082	4.332
	8	15.16	13.90	0.00	34.15	+15.11	80.907	+26.095	−4.269
	12	15.17	13.91	0.00	34.17	15.14	81.042	26.108	4.206
	16	15.19	13.93	0.00	34.21	15.18	81.176	26.121	4.144
	20	15.21	13.95	0.00	34.26	15.22	81.311	26.133	4.081
	24	15.24	13.98	0.00	34.32	15.26	81.445	26.146	4.018
	28	15.27	14.01	0.00	34.39	+15.30	81.580	+26.158	−3.955
	32	15.31	14.04	−0.01	34.48	15.35	81.714	26.170	3.893

0^h Welt-Zeit 1927	U		B		P	
Jan. −2	114.°922	230	+25.°153	28	+3.°028	27
0	115.152	227	25.181	27	3.055	26
+2	115.379	223	25.208	25	3.081	26
4	115.602	220	25.233	25	3.107	26
6	115.822	216	25.258	24	3.133	25
8	116.038	212	+25.282	22	+3.158	25
10	116.250	208	25.304	21	3.183	24
12	116.458	204	25.325	21	3.207	24
14	116.662	200	25.346	19	3.231	23
16	116.862	195	25.365	18	3.254	22
18	117.057	190	+25.383	17	+3.276	22
20	117.247	186	25.400	17	3.298	21
22	117.433	180	25.417	16	3.319	20
24	117.613	175	25.433	14	3.339	20
26	117.788	170	25.447	14	3.359	19
28	117.958	164	+25.461	13	+3.378	19
30	118.122	159	25.474	12	3.397	18
Febr. 1	118.281	154	25.486	12	3.415	17
3	118.435	148	25.498	11	3.432	17
5	118.583	141	25.509	10	3.449	16
7	118.724	135	+25.519	9	+3.465	15
9	118.859	128	25.528	9	3.480	15
11	118.987	122	25.537	8	3.495	14
13	119.109	115	25.545	6	3.509	13
15	119.224	109	25.551	5	3.522	12
17	119.333	102	+25.556	5	+3.534	12
19	119.435	95	25.561	4	3.546	11
21	119.530	89	25.565	3	3.557	10
23	119.619	81	25.568	2	3.567	9
25	119.700	74	25.570	1	3.576	8
27	119.774	67	+25.571	1	+3.584	7
März 1	119.841	59	25.572	0	3.591	7
3	119.900	52	25.572	0	3.598	5
5	119.952	46	25.572	1	3.603	5
7	119.998	38	25.571	2	3.608	4
9	120.036	30	+25.569	2	+3.612	3
11	120.066	23	25.567	3	3.615	2
13	120.089	15	25.564	3	3.617	2
15	120.104	8	25.561	4	3.619	1
17	120.112	0	25.557	5	3.620	0
19	120.112	7	+25.552	6	+3.620	1
21	120.105	15	25.546	6	3.619	2
23	120.090	22	25.540	7	3.617	3
25	120.068	30	25.533	7	3.614	3
27	120.038	37	25.526	8	3.611	4
29	120.001	43	+25.518	8	+3.607	5
31	119.958		25.510		3.602	

0^h Welt-Zeit 1927	U		B		P	
März 31	119.°958	50	+25.°510	9	+3.°602	6
April 2	119.908	58	25.501	9	3.596	6
4	119.850	64	25.492	10	3.590	7
6	119.786	71	25.482	10	3.583	9
8	119.715	77	25.472	11	3.574	9
10	119.638	84	+25.461	11	+3.565	10
12	119.554	90	25.450	12	3.555	10
14	119.464	97	25.438	12	3.545	11
16	119.367	103	25.426	13	3.534	12
18	119.264	108	25.413	13	3.522	12
20	119.156	113	+25.400	14	+3.510	13
22	119.043	118	25.386	14	3.497	13
24	118.925	123	25.372	14	3.484	14
26	118.802	128	25.358	15	3.470	14
28	118.674	133	25.343	15	3.456	15
30	118.541	137	+25.328	15	+3.441	16
Mai 2	118.404	141	25.313	16	3.425	16
4	118.263	145	25.297	16	3.409	17
6	118.118	148	25.281	16	3.392	17
8	117.970	150	25.265	17	3.375	17
10	117.820	153	+25.248	17	+3.358	18
12	117.667	156	25.231	17	3.340	18
14	117.511	158	25.214	17	3.322	18
16	117.353	160	25.197	17	3.304	18
18	117.193	161	25.180	17	3.286	18
20	117.032	162	+25.163	16	+3.268	19
22	116.870	163	25.147	17	3.249	18
24	116.707	163	25.130	17	3.231	19
26	116.544	163	25.113	17	3.212	19
28	116.381	164	25.096	17	3.193	19
30	116.217	163	+25.079	17	+3.174	19
Juni 1	116.054	162	25.062	16	3.155	19
3	115.892	161	25.046	17	3.136	19
5	115.731	159	25.029	16	3.117	18
7	115.572	157	25.013	16	3.099	18
9	115.415	155	+24.997	16	+3.081	18
11	115.260	152	24.981	15	3.063	18
13	115.108	150	24.966	15	3.045	17
15	114.958	147	24.951	14	3.028	17
17	114.811	143	24.937	13	3.011	17
19	114.668	140	+24.924	13	+2.994	16
21	114.528	136	24.911	12	2.978	16
23	114.392	132	24.899	12	2.962	15
25	114.260	127	24.887	11	2.947	15
27	114.133	122	24.876	10	2.932	14
29	114.011	118	+24.866	10	+2.918	14
Juli 1	113.893		24.856		2.904	

0h Welt-Zeit 1927	U	Diff.	B	Diff.	P	Diff.
Juli 1	113°.893	113	+24°.856	9	+2°.904	13
3	113.780	107	24.847	9	2.891	13
5	113.673	102	24.838	8	2.878	12
7	113.571	96	24.830	6	2.866	11
9	113.475	90	24.824	5	2.855	11
11	113.385	85	+24.819	5	+2.844	10
13	113.300	78	24.814	4	2.834	9
15	113.222	72	24.810	2	2.825	9
17	113.150	66	24.808	1	2.816	8
19	113.084	59	24.807	1	2.808	6
21	113.025	53	+24.806	0	+2.802	6
23	112.972	46	24.806	2	2.796	5
25	112.926	39	24.808	3	2.791	4
27	112.887	32	24.811	3	2.787	4
29	112.855	25	24.814	4	2.783	3
31	112.830	18	+24.818	6	+2.780	2
Aug. 2	112.812	11	24.824	6	2.778	1
4	112.801	5	24.830	7	2.777	1
6	112.796	2	24.837	8	2.776	0
8	112.798	10	24.845	9	2.776	2
10	112.808	17	+24.854	10	+2.778	2
12	112.825	24	24.864	12	2.780	3
14	112.849	31	24.876	13	2.783	4
16	112.880	38	24.889	13	2.787	4
18	112.918	45	24.902	15	2.791	5
20	112.963	52	+24.917	16	+2.796	7
22	113.015	59	24.933	17	2.803	7
24	113.074	66	24.950	18	2.810	8
26	113.140	73	24.968	18	2.818	9
28	113.213	79	24.986	19	2.827	9
30	113.292	86	+25.005	20	+2.836	10
Sept. 1	113.378	93	25.025	20	2.846	11
3	113.471	99	25.045	21	2.857	12
5	113.570	106	25.066	22	2.869	13
7	113.676	112	25.088	23	2.882	14
9	113.788	118	+25.111	23	+2.896	14
11	113.906	125	25.134	24	2.910	15
13	114.031	131	25.158	24	2.925	15
15	114.162	137	25.182	25	2.940	16
17	114.299	142	25.207	26	2.956	17
19	114.441	148	+25.233	26	+2.973	17
21	114.589	154	25.259	27	2.990	18
23	114.743	159	25.286	27	3.008	19
25	114.902	165	25.313	27	3.027	19
27	115.067	171	25.340	28	3.046	20
29	115.238	176	+25.368	28	+3.066	21
Okt. 1	115.414		25.396		3.087	

0h Welt Zeit 1927	U	Diff.	B	Diff.	P	Diff.
Okt. 1	115°.414	181	+25°.396	28	+3°.087	21
3	115.595	186	25.424	29	3.108	22
5	115.781	190	25.453	28	3.130	22
7	115.971	195	25.481	29	3.152	23
9	116.166	199	25.510	29	3.175	23
11	116.365	203	+25.539	29	+3.198	24
13	116.568	208	25.568	29	3.222	24
15	116.776	212	25.597	29	3.246	25
17	116.988	216	25.626	29	3.271	25
19	117.204	220	25.655	29	3.296	25
21	117.424	223	+25.684	29	+3.321	26
23	117.647	226	25.713	28	3.347	26
25	117.873	230	25.741	28	3.373	26
27	118.103	233	25.769	28	3.399	27
29	118.336	237	25.797	28	3.426	27
31	118.573	240	+25.825	28	+3.453	28
Nov. 2	118.813	242	25.853	27	3.481	28
4	119.055	245	25.880	27	3.509	28
6	119.300	247	25.907	27	3.537	28
8	119.547	249	25.934	26	3.565	28
10	119.796	251	+25.960	26	+3.593	28
12	120.047	254	25.986	25	3.621	29
14	120.301	255	26.011	25	3.650	28
16	120.556	257	26.036	25	3.678	29
18	120.813	258	26.061	24	3.707	29
20	121.071	259	+26.085	23	+3.736	29
22	121.330	260	26.108	23	3.765	29
24	121.590	262	26.131	22	3.794	29
26	121.852	262	26.153	22	3.823	30
28	122.114	263	26.175	21	3.853	29
30	122.377	263	+26.196	20	+3.882	29
Dez. 2	122.640	264	26.216	20	3.911	29
4	122.904	263	26.236	19	3.940	29
6	123.167	263	26.255	19	3.969	29
8	123.430	263	26.274	18	3.998	29
10	123.693	262	+26.292	17	+4.027	28
12	123.955	262	26.309	17	4.055	28
14	124.217	261	26.326	16	4.083	28
16	124.478	260	26.342	15	4.111	28
18	124.738	258	26.357	14	4.139	28
20	124.996	257	+26.371	13	+4.167	28
22	125.253	256	26.384	13	4.195	27
24	125.509	254	26.397	12	4.222	27
26	125.763	253	26.409	12	4.249	27
28	126.016	250	26.421	11	4.276	27
30	126.266	247	+26.432	11	+4.303	26
32	126.513		26.443		4.329	

MIMAS

0^h Welt-Zeit	L	M	$\log \frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta} \sin B$
1927				
Febr. 7	100°.823	332°.61	1.39711	+10″.75
9	144.800	14.59	1.39846	10.79
11	188.776	56.56	1.39982	10.83
13	232.752	98.54	1.40120	10.87
15	276.728	140.51	1.40259	10.90
17	320.705	182.49	1.40400	+10.94
19	4.681	224.47	1.40542	10.98
21	48.657	266.45	1.40686	11.02
23	92.633	308.42	1.40830	11.05
25	136.610	350.40	1.40975	11.09
27	180.586	32.37	1.41121	+11.13
März 1	224.562	74.35	1.41267	11.17
3	268.538	116.32	1.41414	11.20
5	312.515	158.30	1.41561	11.24
7	356.491	200.28	1.41708	11.28
9	40.467	242.26	1.41854	+11.32
11	84.443	284.23	1.42000	11.35
13	128.420	326.21	1.42145	11.39
15	172.396	8.18	1.42290	11.43
17	216.372	50.16	1.42434	11.47
19	260.348	92.13	1.42577	+11.50
21	304.325	134.11	1.42719	11.54
23	348.301	176.09	1.42859	11.57
25	32.277	218.07	1.42997	11.60
27	76.253	260.04	1.43133	11.63
29	120.229	302.02	1.43267	+11.67
31	164.205	343.99	1.43399	11.70
April 2	208.181	25.97	1.43529	11.73
4	252.157	67.94	1.43656	11.76
6	296.134	109.92	1.43780	11.79
8	340.110	151.90	1.43902	+11.82
10	24.086	193.88	1.44020	11.85
12	68.062	235.85	1.44134	11.87
14	112.038	277.83	1.44244	11.90
16	156.014	319.80	1.44351	11.92
18	199.990	1.78	1.44454	+11.95
20	243.966	43.75	1.44554	11.97
22	287.942	85.73	1.44649	11.99
24	331.918	127.71	1.44740	12.01
26	15.894	169.69	1.44826	+12.03

MIMAS

0^h Welt-Zeit	L	M	$\log \frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta} \sin B$
1927				
April 26	15°.894	169°.69	1.44826	+12″.03
28	59.870	211.66	1.44907	12.04
30	103.846	253.64	1.44983	12.06
Mai 2	147.822	295.61	1.45055	12.07
4	191.798	337.59	1.45122	12.08
6	235.774	19.56	1.45183	+12.09
8	279.750	61.54	1.45239	12.09
10	323.726	103.51	1.45290	12.10
12	7.702	145.49	1.45335	12.10
14	51.678	187.46	1.45374	12.11
16	95.654	229.44	1.45408	+12.11
18	139.630	271.41	1.45436	12.11
20	183.606	313.39	1.45459	12.11
22	227.582	355.36	1.45476	12.11
24	271.558	37.34	1.45487	12.10
26	315.534	79.32	1.45492	+12.10
28	359.510	121.30	1.45491	12.09
30	43.486	163.27	1.45485	12.08
Juni 1	87.462	205.25	1.45473	12.07
3	131.438	247.22	1.45454	12.06
5	175.414	289.20	1.45430	+12.05
7	219.389	331.17	1.45401	12.03
9	263.365	13.15	1.45366	12.01
11	307.341	55.13	1.45326	11.99
13	351.317	97.11	1.45280	11.97
15	35.292	139.08	1.45228	+11.95
17	79.268	181.06	1.45171	11.93
19	123.244	223.03	1.45109	11.91
21	167.220	265.01	1.45042	11.89
23	211.195	306.98	1.44970	11.86
25	255.171	348.96	1.44893	+11.84
27	299.147	30.93	1.44812	11.81
29	343.123	72.91	1.44726	11.78
Juli 1	27.098	114.88	1.44635	11.75
3	71.074	156.86	1.44540	11.72
5	115.050	198.83	1.44441	+11.69
7	159.026	240.81	1.44338	11.66
9	203.001	282.78	1.44231	11.62
11	246.977	324.76	1.44121	11.59
13	290.953	6.74	1.44007	+11.56

MIMAS

0h Welt-Zeit	L	M	$\log \frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta} \sin B$
1927	°	°		″
Juli 13	290.953	6.74	1.44007	+11.56
15	334.929	48.72	1.43890	11.53
17	18.904	90.69	1.43770	11.50
19	62.880	132.67	1.43647	11.47
21	106.856	174.64	1.43521	11.43
23	150.832	216.62	1.43393	+11.40
25	194.807	258.59	1.43262	11.36
27	238.783	300.57	1.43129	11.33
29	282.759	342.54	1.42994	11.29
31	326.735	24.52	1.42857	11.26
Aug. 2	10.710	66.49	1.42718	+11.23
4	54.686	108.47	1.42578	11.19
6	98.661	150.44	1.42436	11.16
8	142.637	192.42	1.42294	11.12
10	186.612	234.39	1.42151	11.09
12	230.588	276.37	1.42007	+11.06
14	274.563	318.35	1.41863	11.03
16	318.539	0.33	1.41717	11.00
18	2.514	42.30	1.41571	10.97
20	46.490	84.28	1.41425	10.94
22	90.465	126.25	1.41279	+10.91
24	134.441	168.23	1.41134	10.88
26	178.416	210.20	1.40989	10.85
28	222.392	252.18	1.40845	10.82
30	266.367	294.15	1.40701	10.79
Sept. 1	310.343	336.13	1.40558	+10.76
3	354.318	18.10	1.40415	10.74
5	38.294	60.08	1.40274	10.71
7	82.269	102.05	1.40134	10.68
9	126.244	144.03	1.39996	10.65
11	170.219	186.00	1.39859	+10.63
13	214.195	227.98	1.39724	10.60
15	258.170	269.95	1.39590	10.58
17	302.146	311.93	1.39458	10.56
19	346.121	353.90	1.39329	10.54
21	30.097	35.88	1.39202	+10.52
23	74.072	77.85	1.39076	10.50
25	118.047	119.83	1.38953	10.48
27	162.022	161.80	1.38832	10.47
29	205.997	203.78	1.38714	+10.45

ENCELADUS

0h Welt-Zeit	L	M	$\log \frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta} \sin B$
1927	°	°		″
Febr. 7	74.527	260.4	1.50532	+13.79
9	239.992	65.2	1.50667	13.84
11	45.456	230.0	1.50803	13.89
13	210.921	34.8	1.50941	13.93
15	16.386	199.5	1.51080	13.98
17	181.851	4.3	1.51221	+14.03
19	347.315	169.1	1.51363	14.08
21	152.780	333.9	1.51507	14.13
23	318.245	138.7	1.51651	14.18
25	123.709	303.5	1.51796	14.23
27	289.174	108.3	1.51942	+14.28
März 1	94.638	273.1	1.52088	14.32
3	260.103	77.8	1.52235	14.37
5	65.567	242.6	1.52382	14.42
7	231.032	47.4	1.52529	14.47
9	36.496	212.2	1.52675	+14.51
11	201.961	17.0	1.52821	14.56
13	7.425	181.8	1.52966	14.61
15	172.890	346.6	1.53111	14.66
17	338.354	151.4	1.53255	14.71
19	143.819	316.2	1.53398	+14.75
21	309.284	121.0	1.53540	14.80
23	114.749	285.8	1.53680	14.84
25	280.213	90.6	1.53818	14.89
27	85.678	255.4	1.53954	14.93
29	251.142	60.2	1.54088	+14.97
31	56.607	225.0	1.54220	15.01
April 2	222.071	29.8	1.54350	15.05
4	27.535	194.5	1.54477	15.09
6	193.000	359.3	1.54601	15.13
8	358.464	164.1	1.54723	+15.16
10	163.928	328.9	1.54841	15.20
12	329.393	133.7	1.54955	15.23
14	134.857	298.5	1.55065	15.26
16	300.321	103.3	1.55172	15.29
18	105.786	268.1	1.55275	+15.32
20	271.250	72.8	1.55375	15.35
22	76.714	237.6	1.55470	15.38
24	242.179	42.4	1.55561	15.40
26	47.643	207.2	1.55647	+15.42

ENCELADUS

0h Welt-Zeit	L	M	$\log \frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta} \sin B$
1927				
April 26	47°.643	207°.2	1.55647	+15″.42
28	213.107	12.0	1.55728	15.44
30	18.571	176.8	1.55804	15.46
Mai 2	184.035	341.6	1.55876	15.48
4	349.500	146.4	1.55943	15.50
6	154.964	311.1	1.56004	+15.51
8	320.428	115.9	1.56060	15.52
10	125.893	280.7	1.56111	15.53
12	291.357	85.5	1.56156	15.53
14	96.821	250.3	1.56195	15.54
16	262.285	55.1	1.56229	+15.54
18	67.749	219.9	1.56257	15.54
20	233.213	24.7	1.56280	15.54
22	38.677	189.4	1.56297	15.53
24	204.141	354.2	1.56308	15.53
26	9.605	159.0	1.56313	+15.52
28	175.069	323.8	1.56312	15.51
30	340.533	128.6	1.56306	15.50
Juni 1	145.997	293.4	1.56294	15.49
3	311.461	98.2	1.56275	15.47
5	116.925	263.0	1.56251	+15.45
7	282.389	67.7	1.56222	15.43
9	87.852	232.5	1.56187	15.41
11	253.316	37.3	1.56147	15.38
13	58.780	202.1	1.56101	15.36
15	224.244	6.9	1.56049	+15.33
17	29.708	171.7	1.55992	15.30
19	195.172	336.5	1.55930	15.27
21	0.636	141.3	1.55863	15.24
23	166.100	306.0	1.55791	15.21
25	331.563	110.8	1.55714	+15.18
27	137.027	275.6	1.55633	15.14
29	302.491	80.4	1.55547	15.11
Juli 1	107.955	245.2	1.55456	15.07
3	273.418	50.0	1.55361	15.03
5	78.882	214.8	1.55262	+14.99
7	244.345	19.6	1.55159	14.95
9	49.809	184.3	1.55052	14.91
11	215.273	349.1	1.54942	14.87
13	20.737	153.9	1.54828	+14.83

ENCELADUS

0h Welt-Zeit	L	M	$\log \frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta} \sin B$
1927				
Juli 13	20°.737	153°.9	1.54828	+14″.83
15	186.200	318.7	1.54711	14.79
17	351.664	123.5	1.54591	14.75
19	157.127	288.3	1.54468	14.71
21	322.591	93.1	1.54342	14.67
23	128.054	257.9	1.54214	+14.63
25	293.518	62.6	1.54083	14.58
27	98.981	227.4	1.53950	14.54
29	264.445	32.2	1.53815	14.49
31	69.908	197.0	1.53678	14.45
Aug. 2	235.372	1.8	1.53539	+14.40
4	40.835	166.6	1.53399	14.36
6	206.298	331.4	1.53257	14.31
8	11.762	136.2	1.53115	14.27
10	177.225	300.9	1.52972	14.23
12	342.689	105.7	1.52828	+14.19
14	148.152	270.5	1.52684	14.15
16	313.616	75.3	1.52538	14.11
18	119.079	240.1	1.52392	14.07
20	284.542	44.9	1.52246	14.03
22	90.005	209.7	1.52100	+13.99
24	255.469	14.5	1.51955	13.95
26	60.932	179.2	1.51810	13.92
28	226.395	344.0	1.51666	13.88
30	31.859	148.8	1.51522	13.84
Sept. 1	197.322	313.6	1.51379	+13.80
3	2.785	118.4	1.51236	13.77
5	168.248	283.2	1.51095	13.73
7	333.711	88.0	1.50955	13.70
9	139.174	252.8	1.50817	13.67
11	304.637	57.5	1.50680	+13.64
13	110.101	222.3	1.50545	13.61
15	275.564	27.1	1.50411	13.58
17	81.027	191.9	1.50279	13.55
19	246.490	356.7	1.50150	13.53
21	51.953	161.5	1.50023	+13.50
23	217.416	326.3	1.49897	13.48
25	22.879	131.1	1.49774	13.45
27	188.342	295.8	1.49653	13.43
29	353.805	100.6	1.49535	+13.40

TETHYS

0h Welt-Zeit	L	M	log $\frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta}$ sin B
1927	°			"
Febr. 7	11.085		1.59801	+17.07
9	32.481		1.59936	17.13
11	53.878		1.60072	17.19
13	75.274		1.60210	17.25
15	96.670		1.60349	17.31
17	118.066		1.60490	+17.37
19	139.462		1.60632	17.43
21	160.859		1.60776	17.49
23	182.255		1.60920	17.55
25	203.651		1.61065	17.61
27	225.048		1.61211	+17.67
März 1	246.444		1.61357	17.73
3	267.840		1.61504	17.79
5	289.236		1.61651	17.85
7	310.632		1.61798	17.91
9	332.029		1.61944	+17.97
11	353.425		1.62090	18.03
13	14.821		1.62235	18.09
15	36.218		1.62380	18.15
17	57.614		1.62524	18.21
19	79.010		1.62667	+18.26
21	100.406		1.62809	18.32
23	121.802		1.62949	18.37
25	143.198		1.63087	18.43
27	164.595		1.63223	18.48
29	185.991		1.63357	+18.53
31	207.387		1.63489	18.58
April 2	228.783		1.63619	18.63
4	250.179		1.63746	18.68
6	271.575		1.63870	18.73
8	292.971		1.63992	+18.77
10	314.368		1.64110	18.82
12	335.764		1.64224	18.86
14	357.160		1.64334	18.90
16	18.557		1.64441	18.94
18	39.953		1.64544	+18.97
20	61.349		1.64644	19.00
22	82.745		1.64739	19.03
24	104.141		1.64830	19.06
26	125.538		1.64916	+19.09

TETHYS

0h Welt-Zeit	L	M	log $\frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta}$ sin B
1927	°			"
April 26	125.538		1.64916	+19.09
28	146.934		1.64997	19.12
30	168.330		1.65073	19.15
Mai 2	189.727		1.65145	19.17
4	211.123		1.65212	19.19
6	232.519		1.65273	+19.20
8	253.915		1.65329	19.21
10	275.311		1.65380	19.22
12	296.708		1.65425	19.22
14	318.104		1.65464	19.23
16	339.500		1.65498	+19.23
18	0.897		1.65526	19.23
20	22.293		1.65549	19.23
22	43.689		1.65566	19.23
24	65.085		1.65577	19.22
26	86.481		1.65582	+19.22
28	107.878		1.65581	19.21
30	129.274		1.65575	19.19
Juni 1	150.670		1.65563	19.17
3	172.067		1.65544	19.15
5	193.463		1.65520	+19.13
7	214.859		1.65491	19.10
9	236.255		1.65456	19.07
11	257.651		1.65416	19.04
13	279.048		1.65370	19.01
15	300.444		1.65318	+18.98
17	321.840		1.65261	18.95
19	343.237		1.65199	18.91
21	4.633		1.65132	18.87
23	26.029		1.65060	18.83
25	47.425		1.64983	+18.79
27	68.821		1.64902	18.75
29	90.218		1.64816	18.71
Juli 1	111.614		1.64725	18.66
3	133.010		1.64630	18.61
5	154.407		1.64531	+18.56
7	175.803		1.64428	18.51
9	197.199		1.64321	18.46
11	218.595		1.64211	18.41
13	239.991		1.64097	+18.36

TETHYS

0h Welt-Zeit	L	M	$\log \frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta} \sin B$
1927				
Juli 13	239°.991		1.64097	+18″.36
15	261.388		1.63980	18.31
17	282.784		1.63860	18.26
19	304.180		1.63737	18.21
21	325.577		1.63611	18.15
23	346.973		1.63483	+18.10
25	8.369		1.63352	18.04
27	29.765		1.63219	17.99
29	51.161		1.63084	17.93
31	72.558		1.62947	17.88
Aug. 2	93.954		1.62808	+17.83
4	115.350		1.62668	17.78
6	136.747		1.62526	17.72
8	158.143		1.62384	17.67
10	179.539		1.62241	17.62
12	200.935		1.62097	+17.57
14	222.331		1.61953	17.52
16	243.728		1.61807	17.47
18	265.124		1.61661	17.42
20	286.520		1.61515	17.37
22	307.917		1.61369	+17.32
24	329.313		1.61224	17.27
26	350.709		1.61079	17.23
28	12.105		1.60935	17.18
30	33.501		1.60791	17.14
Sept. 1	54.898		1.60648	+17.09
3	76.294		1.60505	17.05
5	97.690		1.60364	17.01
7	119.087		1.60224	16.97
9	140.483		1.60086	16.93
11	161.879		1.59949	+16.89
13	183.275		1.59814	16.85
15	204.671		1.59680	16.82
17	226.068		1.59548	16.78
19	247.464		1.59419	16.75
21	268.860		1.59292	+16.71
23	290.257		1.59166	16.68
25	311.653		1.59043	16.65
27	333.049		1.58922	16.62
29	354.445		1.58804	+16.59

DIONE

0h Welt-Zeit	L	M	$\log \frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta} \sin B$
1927				
Febr. 7	303°.954	171°.9	1.70549	+21″.87
9	207.024	74.8	1.70684	21.95
11	110.094	337.7	1.70820	22.02
13	13.163	240.6	1.70958	22.09
15	276.233	143.5	1.71097	22.17
17	179.302	46.4	1.71238	+22.25
19	82.372	309.3	1.71380	22.33
21	345.441	212.2	1.71524	22.41
23	248.511	115.1	1.71668	22.48
25	151.581	18.0	1.71813	22.56
27	54.651	280.9	1.71959	+22.64
März 1	317.720	183.8	1.72105	22.72
3	220.790	86.7	1.72252	22.79
5	123.859	349.6	1.72399	22.87
7	26.929	252.5	1.72546	22.94
9	289.998	155.4	1.72692	+23.02
11	193.068	58.3	1.72838	23.09
13	96.138	321.2	1.72983	23.17
15	359.207	224.1	1.73128	23.24
17	262.277	127.0	1.73272	23.32
19	165.346	29.9	1.73415	+23.39
21	68.416	292.8	1.73557	23.46
23	331.485	195.7	1.73697	23.53
25	234.555	98.6	1.73835	23.60
27	137.624	1.5	1.73971	23.67
29	40.694	264.4	1.74105	+23.74
31	303.764	167.3	1.74237	23.80
April 2	206.833	70.2	1.74367	23.86
4	109.903	333.1	1.74494	23.92
6	12.972	236.0	1.74618	23.98
8	276.042	138.9	1.74740	+24.04
10	179.111	41.8	1.74858	24.09
12	82.181	304.7	1.74972	24.15
14	345.251	207.6	1.75082	24.20
16	248.321	110.5	1.75189	24.25
18	151.390	13.4	1.75292	+24.30
20	54.460	276.3	1.75392	24.34
22	317.529	179.2	1.75487	24.38
24	220.599	82.1	1.75578	24.42
26	123.668	345.0	1.75664	+24.46

0h Welt-Zeit	L	M	log $\frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta}$ sin B	0h Welt-Zeit	L	M	log $\frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta}$ sin B
	DIONE					DIONE			
1927					1927				
April 26	123.668°	345.0°	1.75664	+24.46″	Juli 13	303.386°	158.1°	1.74845	+23.52″
28	26.738	247.9	1.75745	24.49	15	206.455	61.0	1.74728	23.45
30	289.808	150.8	1.75821	24.52	17	109.525	323.9	1.74608	23.38
Mai 2	192.878	53.7	1.75893	24.55	19	12.595	226.8	1.74485	23.31
4	95.947	316.6	1.75960	24.57	21	275.665	129.7	1.74359	23.25
6	359.017	219.5	1.76021	+24.59	23	178.734	32.6	1.74231	+23.18
8	262.086	122.4	1.76077	24.61	25	81.804	295.5	1.74100	23.11
10	165.156	25.3	1.76128	24.62	27	344.873	198.4	1.73967	23.04
12	68.225	288.2	1.76173	24.62	29	247.943	101.3	1.73832	22.98
14	331.295	191.1	1.76212	24.63	31	151.012	4.2	1.73695	22.91
16	234.365	94.0	1.76246	+24.63	Aug. 2	54.082	267.1	1.73556	+22.84
18	137.435	356.9	1.76274	24.63	4	317.152	170.0	1.73416	22.77
20	40.504	259.8	1.76297	24.63	6	220.222	72.9	1.73274	22.70
22	303.574	162.7	1.76314	24.63	8	123.291	335.8	1.73132	22.63
24	206.643	65.6	1.76325	24.62	10	26.361	238.7	1.72989	22.57
26	109.713	328.5	1.76330	+24.61	12	289.431	141.6	1.72845	+22.50
28	12.782	231.4	1.76329	24.59	14	192.501	44.5	1.72701	22.44
30	275.852	134.3	1.76323	24.57	16	95.570	307.4	1.72555	22.37
Juni 1	178.922	37.2	1.76311	24.55	18	358.640	210.3	1.72409	22.31
3	81.992	300.1	1.76292	24.53	20	261.710	113.2	1.72263	22.24
5	345.061	203.0	1.76268	+24.50	22	164.780	16.1	1.72117	+22.18
7	248.131	105.9	1.76239	24.47	24	67.849	279.0	1.71972	22.12
9	151.201	8.8	1.76204	24.43	26	330.919	181.9	1.71827	22.06
11	54.271	271.7	1.76164	24.39	28	233.989	84.8	1.71683	22.00
13	317.340	174.6	1.76118	24.35	30	137.059	347.7	1.71539	21.95
15	220.410	77.5	1.76066	+24.31	Sept. 1	40.128	250.6	1.71396	+21.89
17	123.480	340.4	1.76009	24.27	3	303.198	153.5	1.71253	21.84
19	26.550	243.3	1.75947	24.22	5	206.268	56.4	1.71112	21.78
21	289.619	146.2	1.75880	24.17	7	109.338	319.3	1.70972	21.73
23	192.689	49.1	1.75808	24.12	9	12.407	222.2	1.70834	21.68
25	95.758	312.0	1.75731	+24.07	11	275.477	125.1	1.70697	+21.63
27	358.828	214.9	1.75650	24.01	13	178.547	28.0	1.70562	21.58
29	261.897	117.8	1.75564	23.96	15	81.617	290.9	1.70428	21.54
Juli 1	164.967	20.7	1.75473	23.90	17	344.686	193.8	1.70296	21.49
3	68.037	283.6	1.75378	23.84	19	247.756	96.7	1.70167	21.45
5	331.107	186.5	1.75279	+23.78	21	150.826	359.6	1.70040	+21.41
7	234.176	89.4	1.75176	23.72	23	53.896	262.5	1.69914	21.37
9	137.246	352.3	1.75069	23.65	25	316.965	165.4	1.69791	21.33
11	40.316	255.2	1.74959	23.59	27	220.035	68.3	1.69670	21.29
13	303.386	158.1	1.74845	+23.52	29	123.105	331.2	1.69552	+21.25

RHEA

0h Welt-Zeit		L	M	$\log \frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta} \sin B$
1927					
Febr.	7	27°.319	186°.3	1.85053	+30″.54
	9	186.699	345.6	1.85188	30.65
	11	346.079	144.9	1.85324	30.75
	13	145.459	304.3	1.85462	30.86
	15	304.839	103.6	1.85601	30.96
	17	104.218	262.9	1.85742	+31.07
	19	263.598	62.2	1.85884	31.17
	21	62.978	221.6	1.86028	31.28
	23	222.358	20.9	1.86172	31.39
	25	21.738	180.2	1.86317	31.50
	27	181.118	339.5	1.86463	+31.60
März	1	340.498	138.9	1.86609	31.71
	3	139.878	298.2	1.86756	31.82
	5	299.258	97.5	1.86903	31.93
	7	98.638	256.8	1.87050	32.04
	9	258.018	56.2	1.87196	+32.15
	11	57.398	215.5	1.87342	32.25
	13	216.778	14.8	1.87487	32.36
	15	16.158	174.1	1.87632	32.46
	17	175.538	333.5	1.87776	32.56
	19	334.918	132.8	1.87919	+32.66
	21	134.297	292.1	1.88061	32.76
	23	293.677	91.4	1.88201	32.86
	25	93.057	250.8	1.88339	32.96
	27	252.437	50.1	1.88475	33.05
	29	51.817	209.4	1.88609	+33.14
	31	211.197	8.7	1.88741	33.23
April	2	10.577	168.1	1.88871	33.32
	4	169.957	327.4	1.88998	33.41
	6	329.337	126.7	1.89122	33.49
	8	128.717	286.0	1.89244	+33.57
	10	288.097	85.4	1.89362	33.65
	12	87.477	244.7	1.89476	33.72
	14	246.857	44.0	1.89586	33.79
	16	46.237	203.3	1.89693	33.86
	18	205.617	2.7	1.89796	+33.93
	20	4.997	162.0	1.89896	33.99
	22	164.376	321.3	1.89991	34.05
	24	323.756	120.6	1.90082	34.10
	26	123.136	280.0	1.90168	+34.15

RHEA

0h Welt-Zeit		L	M	$\log \frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta} \sin B$
1927					
April	26	123°.136	280°.0	1.90168	+34″.15
	28	282.516	79.3	1.90249	34.20
	30	81.896	238.6	1.90325	34.24
Mai	2	241.276	37.9	1.90397	34.28
	4	40.656	197.3	1.90464	34.31
	6	200.036	356.6	1.90525	+34.34
	8	359.416	155.9	1.90581	34.36
	10	158.796	315.2	1.90632	34.38
	12	318.176	114.6	1.90677	34.39
	14	117.556	273.9	1.90716	34.40
	16	276.936	73.2	1.90750	+34.40
	18	76.316	232.5	1.90778	34.40
	20	235.696	31.9	1.90801	34.40
	22	35.076	191.2	1.90818	34.40
	24	194.455	350.5	1.90829	34.39
	26	353.835	149.8	1.90834	+34.37
	28	153.215	309.2	1.90833	34.35
	30	312.595	108.5	1.90827	34.32
Juni	1	111.975	267.8	1.90815	34.29
	3	271.355	67.1	1.90796	34.25
	5	70.735	226.5	1.90772	+34.21
	7	230.115	25.8	1.90743	34.17
	9	29.495	185.1	1.90708	34.12
	11	188.875	344.4	1.90668	34.07
	13	348.255	143.8	1.90622	34.01
	15	147.635	303.1	1.90570	+33.95
	17	307.015	102.4	1.90513	33.89
	19	106.395	261.7	1.90451	33.82
	21	265.775	61.1	1.90384	33.75
	23	65.155	220.4	1.90312	33.68
	25	224.534	19.7	1.90235	+33.61
	27	23.914	179.0	1.90154	33.53
	29	183.294	338.4	1.90068	33.45
Juli	1	342.674	137.7	1.89977	33.37
	3	142.054	297.0	1.89882	33.29
	5	301.434	96.3	1.89783	+33.20
	7	100.814	255.7	1.89680	33.11
	9	260.194	55.0	1.89573	33.02
	11	59.574	214.3	1.89463	32.93
	13	218.954	13.6	1.89349	+32.84

RHEA

0h Welt-Zeit	L	M	log $\frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta}\sin B$
1927	°	°		"
Juli 13	218.954	13.6	1.89349	+32.84
15	18.334	173.0	1.89232	32.75
17	177.714	332.3	1.89112	32.65
19	337.094	131.6	1.88989	32.56
21	136.474	290.9	1.88863	32.46
23	295.854	90.3	1.88735	+32.37
25	95.234	249.6	1.88604	32.27
27	254.613	48.9	1.88471	32.17
29	53.993	208.2	1.88336	32.08
31	213.373	7.6	1.88199	31.98
Aug. 2	12.753	166.9	1.88060	+31.89
4	172.133	326.2	1.87920	31.79
6	331.513	125.5	1.87778	31.70
8	130.893	284.9	1.87636	31.60
10	290.273	84.2	1.87493	31.51
12	89.653	243.5	1.87349	+31.42
14	249.033	42.8	1.87205	31.33
16	48.413	202.2	1.87059	31.24
18	207.793	1.5	1.86913	31.15
20	7.173	160.8	1.86767	+31.06

RHEA

0h Welt-Zeit	L	M	log $\frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta}\sin B$
1927	°	°		"
Aug. 20	7.173	160.8	1.86767	+31.06
22	166.553	320.1	1.86621	30.98
24	325.933	119.5	1.86476	30.89
26	125.313	278.8	1.86331	30.81
28	284.693	78.1	1.86187	30.73
30	84.073	237.4	1.86043	+30.65
Sept. 1	243.453	36.8	1.85900	30.57
3	42.833	196.1	1.85757	30.50
5	202.213	355.4	1.85616	30.42
7	1.593	154.7	1.85476	30.35
9	160.973	314.1	1.85338	+30.28
11	320.353	113.4	1.85201	30.21
13	119.732	272.7	1.85066	30.14
15	279.112	72.0	1.84932	30.08
17	78.492	231.4	1.84800	30.01
19	237.872	30.7	1.84671	+29.95
21	37.252	190.0	1.84544	29.89
23	196.632	349.3	1.84418	29.83
25	356.012	148.7	1.84295	29.78
27	155.392	308.0	1.84174	29.73
29	314.772	107.3	1.84056	+29.68

M	Mimas		Enceladus		Dione		Rhea		*M*
	$\pm(v-M)$	$\log\frac{r}{a}$	$\pm(v-M)$	$\log\frac{r}{a}$	$\pm(v-M)$	$\log\frac{r}{a}$	$\pm(v-M)$	$\log\frac{r}{a}$	
0°	0°.000	9.99167	0°.000	9.99800	0°.000	9.99913	0°.000	9.99961	360°
2	0.078	9.99167	0.018	9.99800	0.008	9.99913	0.004	9.99961	358
4	0.156	9.99169	0.037	9.99800	0.016	9.99913	0.007	9.99961	356
6	0.233	9.99172	0.055	9.99801	0.024	9.99913	0.011	9.99961	354
8	0.310	9.99175	0.074	9.99802	0.032	9.99914	0.014	9.99961	352
10	0.387	9.99180	0.092	9.99803	0.040	9.99914	0.018	9.99961	350
12	0.463	9.99186	0.110	9.99804	0.048	9.99915	0.021	9.99962	348
14	0.539	9.99193	0.128	9.99806	0.056	9.99916	0.025	9.99962	346
16	0.614	9.99201	0.146	9.99808	0.063	9.99916	0.028	9.99962	344
18	0.688	9.99210	0.164	9.99810	0.071	9.99917	0.032	9.99963	342
20	0.762	9.99220	0.181	9.99812	0.079	9.99918	0.035	9.99963	340
22	0.834	9.99230	0.199	9.99814	0.086	9.99919	0.039	9.99964	338
24	0.905	9.99242	0.216	9.99817	0.093	9.99921	0.042	9.99964	336
26	0.975	9.99255	0.232	9.99820	0.101	9.99922	0.045	9.99965	334
28	1.044	9.99269	0.249	9.99823	0.108	9.99923	0.048	9.99966	332
30	1.111	9.99284	0.265	9.99827	0.115	9.99925	0.052	9.99966	330
32	1.177	9.99299	0.281	9.99830	0.122	9.99926	0.055	9.99967	328
34	1.242	9.99316	0.296	9.99834	0.128	9.99928	0.058	9.99968	326
36	1.305	9.99333	0.311	9.99838	0.135	9.99930	0.061	9.99968	324
38	1.366	9.99351	0.326	9.99842	0.141	9.99931	0.064	9.99969	322
40	1.425	9.99370	0.340	9.99847	0.148	9.99933	0.066	9.99970	320
42	1.483	9.99390	0.354	9.99852	0.154	9.99935	0.069	9.99971	318
44	1.538	9.99410	0.368	9.99856	0.159	9.99937	0.072	9.99972	316
46	1.592	9.99431	0.381	9.99861	0.165	9.99940	0.074	9.99973	314
48	1.644	9.99453	0.393	9.99866	0.171	9.99942	0.077	9.99974	312
50	1.693	9.99476	0.405	9.99872	0.176	9.99944	0.079	9.99975	310
52	1.741	9.99499	0.417	9.99877	0.181	9.99947	0.081	9.99976	308
54	1.786	9.99523	0.428	9.99883	0.186	9.99949	0.083	9.99977	306
56	1.829	9.99547	0.438	9.99889	0.190	9.99951	0.085	9.99978	304
58	1.870	9.99572	0.448	9.99895	0.195	9.99954	0.087	9.99979	302
60	1.908	9.99598	0.458	9.99901	0.199	9.99957	0.089	9.99980	300
62	1.944	9.99624	0.467	9.99907	0.203	9.99959	0.091	9.99982	298
64	1.977	9.99650	0.475	9.99913	0.206	9.99962	0.093	9.99983	296
66	2.008	9.99676	0.483	9.99919	0.210	9.99965	0.094	9.99984	294
68	2.036	9.99704	0.490	9.99926	0.213	9.99967	0.096	9.99985	292
70	2.062	9.99731	0.496	9.99932	0.216	9.99970	0.097	9.99987	290
72	2.086	9.99759	0.502	9.99939	0.218	9.99973	0.098	9.99988	288
74	2.106	9.99787	0.508	9.99946	0.220	9.99976	0.099	9.99989	286
76	2.124	9.99815	0.512	9.99952	0.222	9.99979	0.100	9.99991	284
78	2.140	9.99843	0.516	9.99959	0.224	9.99982	0.101	9.99992	282
80	2.153	9.99872	0.520	9.99966	0.226	9.99985	0.102	9.99993	280
82	2.163	9.99900	0.523	9.99973	0.227	9.99988	0.102	9.99995	278
84	2.170	9.99929	0.525	9.99980	0.228	9.99991	0.103	9.99996	276
86	2.175	9.99958	0.526	9.99987	0.229	9.99994	0.103	9.99997	274
88	2.177	9.99987	0.527	9.99994	0.229	9.99997	0.103	9.99999	272
90	2.177	0.00016	0.527	0.00001	0.229	0.00000	0.103	0.00000	270

M	Mimas		Enceladus		Dione		Rhea		M
	$\pm(v-M)$	$\log\frac{r}{a}$	$\pm(v-M)$	$\log\frac{r}{a}$	$\pm(v-M)$	$\log\frac{r}{a}$	$\pm(v-M)$	$\log\frac{r}{a}$	
90°	2.177°	0.00016	0.527°	0.00001	0.229°	0.00000	0.103°	0.00000	270°
92	2.174	0.00044	0.527	0.00008	0.229	0.00003	0.103	0.00001	268
94	2.168	0.00073	0.526	0.00015	0.229	0.00006	0.103	0.00003	266
96	2.159	0.00101	0.524	0.00022	0.228	0.00009	0.103	0.00004	264
98	2.148	0.00130	0.522	0.00029	0.227	0.00012	0.102	0.00005	262
100	2.135	0.00158	0.519	0.00035	0.226	0.00015	0.102	0.00007	260
102	2.119	0.00186	0.515	0.00042	0.224	0.00018	0.101	0.00008	258
104	2.100	0.00214	0.511	0.00049	0.222	0.00021	0.100	0.00009	256
106	2.079	0.00241	0.506	0.00056	0.220	0.00024	0.099	0.00011	254
108	2.055	0.00268	0.500	0.00062	0.218	0.00027	0.098	0.00012	252
110	2.029	0.00295	0.494	0.00069	0.215	0.00030	0.097	0.00013	250
112	2.000	0.00321	0.488	0.00075	0.212	0.00033	0.096	0.00015	248
114	1.969	0.00347	0.481	0.00082	0.209	0.00035	0.094	0.00016	246
116	1.936	0.00373	0.473	0.00088	0.206	0.00038	0.093	0.00017	244
118	1.901	0.00398	0.464	0.00094	0.202	0.00041	0.091	0.00018	242
120	1.863	0.00422	0.455	0.00100	0.198	0.00044	0.089	0.00019	240
122	1.823	0.00446	0.446	0.00106	0.194	0.00046	0.087	0.00021	238
124	1.781	0.00469	0.436	0.00112	0.190	0.00049	0.085	0.00022	236
126	1.737	0.00492	0.425	0.00118	0.185	0.00051	0.083	0.00023	234
128	1.691	0.00514	0.414	0.00123	0.180	0.00053	0.081	0.00024	232
130	1.643	0.00536	0.402	0.00129	0.175	0.00056	0.079	0.00025	230
132	1.593	0.00557	0.390	0.00134	0.170	0.00058	0.077	0.00026	228
134	1.541	0.00577	0.378	0.00139	0.164	0.00060	0.074	0.00027	226
136	1.487	0.00597	0.365	0.00144	0.159	0.00062	0.072	0.00028	224
138	1.431	0.00616	0.351	0.00148	0.153	0.00065	0.069	0.00029	222
140	1.374	0.00634	0.337	0.00153	0.147	0.00067	0.066	0.00030	220
142	1.316	0.00651	0.323	0.00157	0.141	0.00068	0.064	0.00031	218
144	1.256	0.00668	0.308	0.00162	0.134	0.00070	0.061	0.00032	216
146	1.194	0.00683	0.293	0.00166	0.128	0.00072	0.058	0.00032	214
148	1.131	0.00698	0.278	0.00169	0.121	0.00074	0.055	0.00033	212
150	1.067	0.00713	0.262	0.00173	0.114	0.00075	0.052	0.00034	210
152	1.001	0.00726	0.246	0.00176	0.107	0.00077	0.048	0.00034	208
154	0.934	0.00738	0.230	0.00179	0.100	0.00078	0.045	0.00035	206
156	0.867	0.00750	0.213	0.00182	0.093	0.00079	0.042	0.00036	204
158	0.798	0.00760	0.196	0.00185	0.086	0.00080	0.039	0.00036	202
160	0.728	0.00770	0.179	0.00187	0.078	0.00081	0.035	0.00037	200
162	0.658	0.00779	0.162	0.00190	0.071	0.00082	0.032	0.00037	198
164	0.587	0.00787	0.144	0.00192	0.063	0.00083	0.028	0.00037	196
166	0.515	0.00794	0.127	0.00193	0.055	0.00084	0.025	0.00038	194
168	0.442	0.00800	0.109	0.00195	0.048	0.00085	0.021	0.00038	192
170	0.369	0.00805	0.091	0.00196	0.040	0.00085	0.018	0.00038	190
172	0.296	0.00810	0.073	0.00197	0.032	0.00086	0.014	0.00039	188
174	0.222	0.00813	0.055	0.00198	0.024	0.00086	0.011	0.00039	186
176	0.148	0.00815	0.037	0.00199	0.016	0.00086	0.007	0.00039	184
178	0.074	0.00817	0.018	0.00199	0.008	0.00087	0.004	0.00039	182
180	0.000	0.00817	0.000	0.00199	0.000	0.00087	0.000	0.00039	180

0^h Welt-Zeit	ϑ					γ	*N*	*J*	ω
	Mimas	Encel.	Tethys	Dione	Rhea	Rhea	Saturnsring		
1926 Dez. 29	180.9°	198.4°	127.8°	59.6°	4.8°	18.18′	127.502°	6.809°	42.105°
1927 Jan. 14	164.9	191.7	124.7	58.3	4.3	18.19	127.503	6.809	42.104
30	148.9	185.0	121.5	56.9	3.8	18.20	127.505	6.809	42.103
Febr. 15	132.9	178.3	118.3	55.5	3.4	18.21	127.507	6.809	42.102
März 3	116.9	171.6	115.1	54.2	2.9	18.21	127.509	6.809	42.100
19	100.9	164.9	112.0	52.8	2.4	18.22	127.511	6.808	42.099
April 4	84.9	158.2	108.8	51.4	1.9	18.23	127.512	6.808	42.098
20	68.9	151.5	105.6	50.1	1.4	18.25	127.514	6.808	42.097
Mai 6	52.9	144.8	102.4	48.7	0.9	18.26	127.516	6.808	42.095
22	36.9	138.1	99.2	47.4	0.5	18.26	127.518	6.808	42.094
Juni 7	20.9	131.5	96.1	46.0	0.0	18.27	127.520	6.807	42.093
23	4.9	124.8	92.9	44.6	359.5	18.28	127.521	6.807	42.092
Juli 9	348.9	118.1	89.7	43.3	359.0	18.29	127.523	6.807	42.090
25	332.9	111.4	86.5	41.9	358.5	18.30	127.525	6.807	42.089
Aug. 10	316.9	104.7	83.3	40.6	358.1	18.31	127.527	6.807	42.088
26	300.9	98.0	80.2	39.2	357.6	18.32	127.529	6.806	42.087
Sept. 11	284.9	91.3	77.0	37.9	357.1	18.33	127.530	6.806	42.085
27	268.9	84.6	73.8	36.5	356.6	18.34	127.532	6.806	42.084
Okt. 13	252.9	78.0	70.6	35.1	356.1	18.36	127.534	6.806	42.083
29	236.9	71.3	67.5	33.8	355.6	18.37	127.536	6.806	42.082
Nov. 14	220.9	64.6	64.3	32.4	355.2	18.38	127.538	6.805	42.080
30	204.9	57.9	61.1	31.1	354.7	18.39	127.539	6.805	42.079
1927 Dez. 16	188.9	51.2	57.9	29.7	354.2	18.40	127.541	6.805	42.078
1928 Jan. 1	172.8	44.5	54.8	28.3	353.7	18.41	127.543	6.805	42.077

$\log \frac{1}{1+\zeta}$, in Einheiten der 5. Dezimale

u − *U*		Mimas	Encel.	Tethys	Dione	Rhea	*u* − *U*	
0°	360°	−6+	−7+	−9+	−11+	−16+	180°	180°
10	350	−6+	−7+	−9+	−11+	−16+	170	190
20	340	−5+	−7+	−8+	−11+	−15+	160	200
30	330	−5+	−6+	−8+	−10+	−14+	150	210
40	320	−4+	−6+	−7+	− 9+	−12+	140	220
50	310	−3+	−5+	−6+	− 8+	−10+	130	230
60	300	−3+	−4+	−4+	− 6+	− 8+	120	240
70	290	−2+	−3+	−3+	− 4+	− 6+	110	250
80	280	−1+	−1+	−2+	− 2+	− 3+	100	260
90	270	0	0	0	0	0	90	270

0^h Welt-Zeit	TITAN			HYPERION			JAPETUS		
	U	*B*	*P*	*U*	*B*	*P*	*U*	*B*	*P*
1927 Febr. 7	120°.346	+25°.141	+3°.468	115°.182	+25°.334	+2°.887	198°.047	+15°.540	+14°.583
9	120.480	25.150	3.482	115.317	25.344	2.902	198.173	15.525	14.574
11	120.609	25.158	3.496	115.445	25.354	2.916	198.294	15.511	14.565
13	120.731	25.165	3.509	115.567	25.362	2.929	198.408	15.497	14.556
15	120.846	25.171	3.521	115.682	25.370	2.942	198.516	15.484	14.548
17	120.954	+25.176	+3.532	115.791	+25.376	+2.954	198.617	+15.471	+14.540
19	121.056	25.181	3.543	115.893	25.382	2.965	198.712	15.458	14.533
21	121.151	25.185	3.553	115.988	25.387	2.975	198.801	15.446	14.526
23	121.239	25.188	3.562	116.076	25.392	2.985	198.883	15.434	14.520
25	121.320	25.191	3.570	116.157	25.395	2.993	198.958	15.422	14.514
27	121.395	+25.193	+3.578	116.231	+25.398	+3.001	199.027	+15.411	+14.509
März 1	121.462	25.194	3.585	116.298	25.400	3.008	199.089	15.401	14.504
3	121.522	25.195	3.591	116.358	25.401	3.015	199.144	15.391	14.500
5	121.574	25.195	3.596	116.410	25.401	3.020	199.192	15.382	14.496
7	121.619	25.194	3.601	116.455	25.400	3.025	199.234	15.373	14.492
9	121.656	+25.192	+3.605	116.493	+25.398	+3.029	199.268	+15.365	+14.489
11	121.686	25.190	3.608	116.523	25.396	3.033	199.296	15.358	14.486
13	121.708	25.187	3.610	116.546	25.393	3.035	199.317	15.351	14.484
15	121.723	25.184	3.612	116.561	25.390	3.037	199.330	15.345	14.483
17	121.731	25.180	3.613	116.569	25.386	3.038	199.336	15.340	14.482
19	121.731	+25.175	+3.613	116.569	+25.381	+3.038	199.336	+15.335	+14.482
21	121.724	25.169	3.612	116.562	25.376	3.037	199.329	15.331	14.482
23	121.709	25.163	3.610	116.548	25.370	3.035	199.315	15.327	14.482
25	121.687	25.156	3.607	116.527	25.363	3.033	199.294	15.324	14.483
27	121.658	25.149	3.604	116.498	25.356	3.030	199.266	15.321	14.485
29	121.622	+25.141	+3.600	116.462	+25.348	+3.026	199.232	+15.319	+14.487
31	121.579	25.132	3.596	116.419	25.340	3.021	199.191	15.318	14.490
April 2	121.529	25.123	3.591	116.369	25.331	3.016	199.143	15.318	14.493
4	121.471	25.113	3.585	116.312	25.321	3.010	199.089	15.318	14.497
6	121.407	25.103	3.578	116.248	25.310	3.003	199.028	15.319	14.501
8	121.336	+25.093	+3.570	116.177	+25.299	+2.995	198.961	+15.320	+14.506
10	121.259	25.082	3.562	116.100	25.287	2.986	198.888	15.322	14.511
12	121.175	25.071	3.553	116.016	25.275	2.977	198.809	15.325	14.517
14	121.085	25.059	3.543	115.926	25.262	2.967	198.724	15.329	14.523
16	120.989	25.047	3.533	115.830	25.249	2.957	198.633	15.334	14.529
18	120.887	+25.034	+3.522	115.728	+25.235	+2.946	198.537	+15.339	+14.536
20	120.780	25.021	3.511	115.621	25.221	2.934	198.436	15.345	14.543
22	120.667	25.007	3.499	115.508	25.207	2.922	198.330	15.351	14.550
24	120.549	24.993	3.486	115.390	25.192	2.909	198.219	15.357	14.558
26	120.426	+24.979	+3.473	115.267	+25.177	+2.896	198.103	+15.364	+14.566

0h Welt-Zeit	TITAN			HYPERION			JAPETUS		
	U	B	P	U	B	P	U	B	P
1927									
April 26	120°.426	+24°.979	+3°.473	115°.267	+25°.177	+2°.896	198°.103	+15°.364	+14°.566
28	120.298	24.964	3.459	115.139	25.161	2.882	197.983	15.372	14.575
30	120.166	24.949	3.445	115.007	25.145	2.867	197.858	15.380	14.583
Mai 2	120.030	24.933	3.430	114.871	25.129	2.852	197.730	15.389	14.592
4	119.890	24.917	3.415	114.731	25.112	2.836	197.598	15.398	14.601
6	119.746	+24.901	+3.399	114.587	+25.095	+2.820	197.462	+15.408	+14.610
8	119.599	24.885	3.383	114.440	25.077	2.804	197.323	15.418	14.619
10	119.448	24.868	3.367	114.289	25.059	2.787	197.182	15.429	14.628
12	119.294	24.852	3.351	114.136	25.041	2.770	197.038	15.440	14.637
14	119.139	24.835	3.334	113.981	25.023	2.753	196.892	15.451	14.646
16	118.982	+24.818	+3.317	113.823	+25.005	+2.736	196.743	+15.462	+14.655
18	118.823	24.801	3.300	113.664	24.986	2.718	196.593	15.474	14.665
20	118.663	24.784	3.283	113.504	24.968	2.700	196.442	15.486	14.674
22	118.501	24.767	3.265	113.342	24.949	2.682	196.289	15.498	14.684
24	118.339	24.750	3.248	113.179	24.930	2.664	196.135	15.510	14.694
26	118.176	+24.733	+3.230	113.016	+24.912	+2.646	195.981	+15.523	+14.703
28	118.013	24.716	3.213	112.853	24.894	2.628	195.827	15.536	14.713
30	117.850	24.699	3.195	112.690	24.876	2.610	195.673	15.549	14.722
Juni 1	117.688	24.682	3.177	112.528	24.858	2.592	195.520	15.562	14.731
3	117.526	24.666	3.160	112.367	24.840	2.574	195.368	15.576	14.740
5	117.366	+24.650	+3.142	112.207	+24.822	+2.556	195.217	+15.589	+14.749
7	117.207	24.634	3.125	112.049	24.805	2.538	195.068	15.602	14.757
9	117.050	24.618	3.108	111.892	24.788	2.521	194.920	15.616	14.766
11	116.896	24.603	3.091	111.738	24.772	2.504	194.775	15.629	14.774
13	116.744	24.588	3.074	111.586	24.756	2.487	194.632	15.643	14.782
15	116.595	+24.574	+3.058	111.437	+24.741	+2.471	194.491	+15.656	+14.790
17	116.449	24.560	3.042	111.291	24.726	2.455	194.353	15.669	14.798
19	116.305	24.547	3.026	111.148	24.711	2.439	194.218	15.682	14.805
21	116.165	24.534	3.011	111.009	24.697	2.423	194.087	15.695	14.812
23	116.029	24.522	2.996	110.873	24.684	2.408	193.960	15.707	14.819
25	115.898	+24.510	+2.982	110.742	+24.671	+2.393	193.836	+15.720	+14.825
27	115.772	24.499	2.968	110.615	24.659	2.379	193.717	15.732	14.831
29	115.650	24.488	2.955	110.493	24.647	2.365	193.602	15.745	14.837
Juli 1	115.533	24.478	2.942	110.375	24.636	2.352	193.492	15.757	14.842
3	115.421	24.469	2.929	110.263	24.626	2.339	193.387	15.770	14.848
5	115.314	+24.461	+2.917	110.156	+24.617	+2.327	193.287	+15.782	+14.853
7	115.212	24.454	2.906	110.055	24.609	2.316	193.192	15.795	14.858
9	115.116	24.448	2.895	109.959	24.602	2.305	193.102	15.807	14.863
11	115.026	24.443	2.885	109.869	24.596	2.295	193.018	15.819	14.868
13	114.942	+24.438	+2.876	109.785	+24.590	+2.286	192.939	+15.831	+14.872

0h Welt-Zeit	TITAN			HYPERION			JAPETUS		
	U	B	P	U	B	P	U	B	P
1927 Juli 13	114.942	+24.438	+2.876	109.785	+24.590	+2.286	192.939	+15.831	+14.872
15	114.864	24.434	2.868	109.707	24.586	2.277	192.866	15.842	14.876
17	114.793	24.432	2.860	109.635	24.582	2.269	192.799	15.853	14.880
19	114.728	24.430	2.853	109.570	24.579	2.262	192.738	15.864	14.886
21	114.668	24.429	2.846	109.511	24.578	2.255	192.684	15.874	14.883
23	114.615	+24.429	+2.840	109.459	+24.578	+2.249	192.636	+15.884	+14.889
25	114.569	24.430	2.835	109.413	24.579	2.244	192.594	15.894	14.891
27	114.530	24.432	2.831	109.374	24.581	2.240	192.559	15.904	14.893
29	114.498	24.436	2.828	109.342	24.584	2.236	192.530	15.914	14.895
31	114.473	24.441	2.826	109.317	24.588	2.233	192.508	15.923	14.897
Aug. 2	114.454	+24.446	+2.824	109.299	+24.594	+2.231	192.493	+15.932	+14.898
4	114.443	24.452	2.823	109.287	24.601	2.230	192.485	15.940	14.899
6	114.439	24.460	2.822	109.283	24.609	2.230	192.483	15.947	14.899
8	114.442	24.469	2.822	109.286	24.618	2.231	192.488	15.954	14.900
10	114.452	24.479	2.823	109.296	24.627	2.232	192.500	15.961	14.900
12	114.469	+24.490	+2.825	109.313	+24.638	+2.234	192.518	+15.968	+14.900
14	114.494	24.501	2.828	109.337	24.650	2.237	192.543	15.974	14.900
16	114.526	24.513	2.832	109.368	24.663	2.241	192.575	15.980	14.900
18	114.564	24.527	2.836	109.406	24.677	2.245	192.613	15.986	14.899
20	114.609	24.542	2.841	109.451	24.692	2.251	192.658	15.992	14.898
22	114.661	+24.557	+2.847	109.503	+24.708	+2.257	192.709	+15.997	+14.896
24	114.720	24.573	2.854	109.562	24.725	2.264	192.767	16.002	14.894
26	114.785	24.590	2.861	109.627	24.743	2.271	192.832	16.006	14.892
28	114.857	24.608	2.870	109.700	24.762	2.280	192.904	16.010	14.890
30	114.936	24.627	2.879	109.779	24.781	2.289	192.982	16.013	14.887
Sept. 1	115.022	+24.647	+2.889	109.865	+24.802	+2.299	193.066	+16.016	+14.884
3	115.114	24.667	2.899	109.958	24.823	2.310	193.157	16.018	14.880
5	115.213	24.688	2.910	110.057	24.845	2.321	193.254	16.020	14.876
7	115.318	24.709	2.922	110.162	24.868	2.333	193.356	16.022	14.872
9	115.430	24.731	2.935	110.274	24.892	2.346	193.465	16.023	14.868
11	115.548	+24.755	+2.948	110.392	+24.916	+2.359	193.579	+16.024	+14.863
13	115.672	24.779	2.962	110.516	24.942	2.373	193.699	16.024	14.858
15	115.803	24.804	2.976	110.646	24.968	2.388	193.825	16.024	14.853
17	115.940	24.829	2.991	110.782	24.995	2.404	193.957	16.023	14.847
19	116.082	24.855	3.007	110.924	25.022	2.420	194.094	16.022	14.841
21	116.230	+24.881	+3.024	111.072	+25.050	+2.437	194.237	+16.020	+14.835
23	116.383	24.908	3.041	111.226	25.078	2.454	194.385	16.017	14.828
25	116.542	24.935	3.059	111.385	25.106	2.472	194.538	16.014	14.821
27	116.707	24.963	3.077	111.550	25.135	2.491	194.696	16.010	14.813
29	116.877	+24.991	+3.096	111.719	+25.164	+2.510	194.859	+16.006	+14.805

0ʰ Welt-Zeit	TITAN $\alpha_{tr}-\alpha_{pl}$		TITAN $\delta_{tr}-\delta_{pl}$		HYPERION $\alpha_{tr}-\alpha_{pl}$		HYPERION $\delta_{tr}-\delta_{pl}$		JAPETUS $\alpha_{tr}-\alpha_{pl}$		JAPETUS $\delta_{tr}-\delta_{pl}$	
1927	s	s	"	"	s	s	"	"	s	s	"	"
Febr. 7	− 9.76	+3.25	+45.7	+16.6	− 0.86	+4.56	+77.3	− 7.6	+31.14	−0.65	−134.4	− 8.0
8	− 6.51	+4.26	+62.3	+ 7.1	+ 3.70	+4.07	+69.7	−16.3	+30.49	−0.86	−142.4	− 7.1
9	− 2.25	+4.62	+69.4	− 3.9	+ 7.77	+3.09	+53.4	−23.3	+29.63	−1.06	−149.5	− 6.2
10	+ 2.37	+4.25	+65.5	−14.7	+10.86	+1.73	+30.1	−27.2	+28.57	−1.26	−155.7	− 5.1
11	+ 6.62	+3.18	+50.8	−23.1	+12.59	+0.25	+ 2.9	−27.7	+27.31	−1.44	−160.8	− 4.0
12	+ 9.80	+1.55	+27.7	−27.8	+12.84	−1.15	−24.8	−25.1	+25.87	−1.62	−164.8	− 3.0
13	+11.35	−0.31	− 0.1	−27.9	+11.69	−2.27	−49.9	−20.5	+24.25	−1.79	−167.8	− 1.9
14	+11.04	−2.08	−28.0	−23.6	+ 9.42	−3.10	−70.4	−14.5	+22.46	−1.95	−169.7	− 0.7
15	+ 8.96	−3.49	−51.6	−15.5	+ 6.32	−3.61	−84.9	− 7.9	+20.51	−2.09	−170.4	+ 0.4
16	+ 5.47	−4.33	−67.1	− 5.6	+ 2.71	−3.82	−92.8	− 1.5	+18.42	−2.23	−170.0	+ 1.6
17	+ 1.14	−4.52	−72.7	+ 5.1	− 1.11	−3.75	−94.3	+ 4.8	+16.19	−2.34	−168.4	+ 2.7
18	− 3.38	−4.05	−67.6	+14.8	− 4.86	−3.47	−89.5	+10.4	+13.85	−2.44	−165.7	+ 3.8
19	− 7.43	−3.01	−52.8	+22.3	− 8.33	−2.97	−79.1	+15.3	+11.41	−2.52	−161.9	+ 4.8
20	−10.44	−1.56	−30.5	+26.7	−11.30	−2.29	−63.8	+19.1	+ 8.89	−2.59	−157.1	+ 5.9
21	−12.00	+0.16	− 3.8	+27.3	−13.59	−1.47	−44.7	+22.0	+ 6.30	−2.64	−151.2	+ 6.9
22	−11.84	+1.87	+23.5	+23.9	−15.06	−0.51	−22.7	+23.5	+ 3.66	−2.68	−144.3	+ 7.9
23	− 9.97	+3.36	+47.4	+17.0	−15.57	+0.56	+ 0.8	+23.5	+ 0.98	−2.69	−136.4	+ 8.8
24	− 6.61	+4.39	+64.4	+ 7.0	−15.01	+1.67	+24.3	+21.8	− 1.71	−2.69	−127.6	+ 9.6
25	− 2.22	+4.76	+71.4	− 4.4	−13.34	+2.76	+46.1	+18.0	− 4.40	−2.67	−118.0	+10.4
26	+ 2.54	+4.35	+67.0	−15.3	−10.58	+3.74	+64.1	+12.1	− 7.07	−2.64	−107.6	+11.1
27	+ 6.89	+3.23	+51.7	−24.0	− 6.84	+4.44	+76.2	+ 4.4	− 9.71	−2.59	− 96.5	+11.8
28	+10.12	+1.55	+27.7	−28.7	− 2.40	+4.73	+80.6	− 4.8	−12.30	−2.52	− 84.7	+12.3
März 1	+11.67	−0.36	− 1.0	−28.7	+ 2.33	+4.45	+75.8	−14.2	−14.82	−2.44	− 72.4	+12.8
2	+11.31	−2.18	−29.7	−24.0	+ 6.78	+3.60	+61.6	−22.2	−17.26	−2.34	− 59.6	+13.3
3	+ 9.13	−3.62	−53.7	−15.7	+10.38	+2.29	+39.4	−27.3	−19.60	−2.23	− 46.3	+13.5
4	+ 5.51	−4.47	−69.4	− 5.4	+12.67	+0.76	+12.1	−28.9	−21.83	−2.10	− 32.8	+13.8
5	+ 1.04	−4.64	−74.8	+ 5.6	+13.43	−0.73	−16.8	−27.2	−23.93	−1.96	− 19.0	+14.0
6	− 3.60	−4.14	−69.2	+15.6	+12.70	−2.00	−44.0	−23.0	−25.89	−1.81	− 5.0	+14.0
7	− 7.74	−3.06	−53.6	+23.2	+10.70	−2.96	−67.0	−17.1	−27.70	−1.65	+ 9.0	+14.0
8	−10.80	−1.54	−30.4	+27.5	+ 7.74	−3.60	−84.1	−10.4	−29.35	−1.48	+ 23.0	+14.0
9	−12.34	+0.21	− 2.9	+28.0	+ 4.14	−3.91	−94.5	− 3.7	−30.83	−1.30	+ 37.0	+13.8
10	−12.13	+1.98	+25.1	+24.5	+ 0.23	−3.94	−98.2	+ 3.0	−32.13	−1.12	+ 50.8	+13.5
11	−10.15	+3.51	+49.6	+17.1	− 3.71	−3.73	−95.2	+ 9.1	−33.25	−0.93	+ 64.3	+13.2
12	− 6.64	+4.55	+66.7	+ 6.7	− 7.44	−3.28	−86.1	+14.4	−34.18	−0.73	+ 77.5	+12.7
13	− 2.09	+4.89	+73.4	− 5.0	−10.72	−2.64	−71.7	+18.8	−34.91	−0.53	+ 90.2	+12.2
14	+ 2.80	+4.45	+68.4	−16.2	−13.36	−1.82	−52.9	+22.1	−35.44	−0.32	+102.4	+11.7
15	+ 7.25	+3.25	+52.2	−25.0	−15.18	−0.85	−30.8	+24.2	−35.76	−0.11	+114.1	+11.0
16	+10.50	+1.52	+27.2	−29.6	−16.03	+0.23	− 6.6	+24.6	−35.87	+0.10	+125.1	+10.4
17	+12.02	−0.46	− 2.4	−29.3	−15.80	+1.39	+18.0	+23.4	−35.77	+0.30	+135.5	+ 9.7
18	+11.56		−31.7		−14.41		+41.4		−35.47		+145.2	

0h Welt-Zeit	TITAN $\alpha_{tr} - \alpha_{pl}$		TITAN $\delta_{tr} - \delta_{pl}$		HYPERION $\alpha_{tr} - \alpha_{pl}$		HYPERION $\delta_{tr} - \delta_{pl}$		JAPETUS $\alpha_{tr} - \alpha_{pl}$		JAPETUS $\delta_{tr} - \delta_{pl}$	
1927	s	s	″	″	s	s	″	″	s	s	″	″
März 18	+11.56	−2.33	−31.7	−24.4	−14.41	+2.56	+41.4	+20.1	−35.47	+0.51	+145.2	+8.8
19	+9.23	−3.77	−56.1	−15.7	−11.85	+3.63	+61.5	+14.6	−34.96	+0.71	+154.0	+8.0
20	+5.46	−4.62	−71.8	−4.9	−8.22	+4.45	+76.1	+6.9	−34.25	+0.91	+162.0	+7.0
21	+0.84	−4.76	−76.7	+6.3	−3.77	+4.88	+83.0	−2.4	−33.34	+1.11	+169.0	+6.0
22	−3.92	−4.22	−70.4	+16.4	+1.11	+4.77	+80.6	−12.2	−32.23	+1.30	+175.0	+5.1
23	−8.14	−3.08	−54.0	+24.2	+5.88	+4.02	+68.4	−21.0	−30.93	+1.48	+180.1	+4.1
24	−11.22	−1.49	−29.8	+28.4	+9.90	+2.76	+47.4	−27.1	−29.45	+1.66	+184.2	+3.0
25	−12.71	+0.33	−1.4	+28.7	+12.66	+1.21	+20.3	−29.9	−27.79	+1.83	+187.2	+1.9
26	−12.38	+2.13	+27.3	+24.7	+13.87	−0.36	−9.6	−28.8	−25.96	+1.98	+189.1	+0.9
27	−10.25	+3.68	+52.0	+16.9	+13.51	−1.75	−38.4	−25.1	−23.98	+2.13	+190.0	−0.3
28	−6.57	+4.71	+68.9	+6.3	+11.76	−2.84	−63.5	−19.4	−21.85	+2.26	+189.7	−1.4
29	−1.86	+5.02	+75.2	−5.9	+8.92	−3.59	−82.9	−12.6	−19.59	+2.39	+188.3	−2.6
30	+3.16	+4.52	+69.3	−17.2	+5.33	−4.00	−95.5	−5.6	−17.20	+2.49	+185.7	−3.6
31	+7.68	+3.24	+52.1	−26.0	+1.33	−4.11	−101.1	+1.4	−14.71	+2.59	+182.1	−4.7
April 1	+10.92	+1.43	+26.1	−30.5	−2.78	−3.95	−99.7	+7.9	−12.12	+2.67	+177.4	−5.8
2	+12.35	−0.60	−4.4	−29.8	−6.73	−3.54	−91.8	+13.6	−9.45	+2.74	+171.6	−6.8
3	+11.75	−2.50	−34.2	−24.5	−10.27	−2.91	−78.2	+18.5	−6.71	+2.79	+164.8	−7.9
4	+9.25	−3.96	−58.7	−15.4	−13.18	−2.11	−59.7	+22.2	−3.92	+2.82	+156.9	−8.9
5	+5.29	−4.77	−74.1	−4.2	−15.29	−1.13	−37.5	+24.6	−1.10	+2.83	+148.0	−9.7
6	+0.52	−4.86	−78.3	+7.2	−16.42	−0.02	−12.9	+25.6	+1.73	+2.83	+138.3	−10.6
7	−4.34	−4.26	−71.1	+17.5	−16.44	+1.17	+12.7	+24.6	+4.56	+2.81	+127.7	−11.5
8	−8.60	−3.04	−53.6	+25.1	−15.27	+2.39	+37.3	+21.7	+7.37	+2.78	+116.2	−12.3
9	−11.64	−1.40	−28.5	+29.2	−12.88	+3.53	+59.0	+16.5	+10.15	+2.72	+103.9	−12.9
10	−13.04	+0.47	+0.7	+29.1	−9.35	+4.45	+75.5	+8.9	+12.87	+2.65	+91.0	−13.6
11	−12.57	+2.32	+29.8	+24.8	−4.90	+5.00	+84.4	−0.2	+15.52	+2.55	+77.4	−14.1
12	−10.25	+3.87	+54.6	+16.6	+0.10	+4.99	+84.2	−10.4	+18.07	+2.44	+63.3	−14.6
13	−6.38	+4.87	+71.2	+5.4	+5.09	+4.35	+73.8	−19.9	+20.51	+2.32	+48.7	−15.0
14	−1.51	+5.12	+76.6	−6.8	+9.44	+3.14	+53.9	−26.9	+22.83	+2.18	+33.7	−15.2
15	+3.61	+4.54	+69.8	−18.4	+12.58	+1.59	+27.0	−30.4	+25.01	+2.02	+18.5	−15.4
16	+8.15	+3.18	+51.4	−27.1	+14.17	−0.06	−3.4	−30.1	+27.03	+1.84	+3.1	−15.5
17	+11.33	+1.30	+24.3	−31.2	+14.11	−1.54	−33.5	−26.7	+28.87	+1.66	−12.4	−15.4
18	+12.63	−0.79	−6.9	−30.1	+12.57	−2.74	−60.2	−21.1	+30.53	+1.45	−27.8	−15.3
19	+11.84	−2.70	−37.0	−24.3	+9.83	−3.58	−81.3	−14.4	+31.98	+1.24	−43.1	−15.0
20	+9.14	−4.13	−61.3	−14.8	+6.25	−4.08	−95.7	−7.1	+33.22	+1.02	−58.1	−14.7
21	+5.01	−4.91	−76.1	−3.3	+2.17	−4.24	−102.8	+0.2	+34.24	+0.78	−72.8	−14.2
22	+0.10	−4.94	−79.4	+8.3	−2.07	−4.11	−102.6	+6.9	+35.02	+0.54	−87.0	−13.7
23	−4.84	−4.26	−71.1	+18.5	−6.18	−3.73	−95.7	+12.9	+35.56	+0.30	−100.7	−13.0
24	−9.10	−2.96	−52.6	+26.1	−9.91	−3.12	−82.8	+18.1	+35.86	+0.05	−113.7	−12.3
25	−12.06	−1.25	−26.5	+29.8	−13.03	−2.32	−64.7	+22.2	+35.91	−0.20	−126.0	−11.4
26	−13.31		+3.3		−15.35		−42.5		+35.71		−137.4	

0^h Welt-Zeit	TITAN				HYPERION				JAPETUS			
	$\alpha_{tr} - \alpha_{pl}$		$\delta_{tr} - \delta_{pl}$		$\alpha_{tr} - \alpha_{pl}$		$\delta_{tr} - \delta_{pl}$		$\alpha_{tr} - \alpha_{pl}$		$\delta_{tr} - \delta_{pl}$	
1927	s	s	″	″	s	s	″	″	s	s	″	″
April 26	−13.31	+0.66	+ 3.3	+29.3	−15.35	−1.33	− 42.5	+24.8	+35.71	−0.46	−137.4	−10.5
27	−12.65	+2.52	+32.6	+24.6	−16.68	−0.21	− 17.7	+26.1	+35.25	−0.71	−147.9	− 9.5
28	−10.13	+4.06	+57.2	+15.9	−16.89	+1.00	+ 8.4	+25.5	+34.54	−0.95	−157.4	− 8.4
29	− 6.07	+5.02	+73.1	+ 4.4	−15.89	+2.25	+ 33.9	+22.8	+33.59	−1.19	−165.8	− 7.2
30	− 1.05	+5.18	+77.5	− 8.0	−13.64	+3.45	+ 56.7	+17.8	+32.40	−1.42	−173.0	− 6.1
Mai 1	+ 4.13	+4.51	+69.5	−19.6	−10.19	+4.44	+ 74.5	+10.5	+30.98	−1.64	−179.1	− 4.8
2	+ 8.64	+3.07	+49.9	−27.9	− 5.75	+5.05	+ 85.0	+ 1.3	+29.34	−1.86	−183.9	− 3.5
3	+11.71	+1.11	+22.0	−31.7	− 0.70	+5.14	+ 86.3	− 9.0	+27.48	−2.05	−187.4	− 2.2
4	+12.82	−1.00	− 9.7	−30.1	+ 4.44	+4.58	+ 77.3	−18.7	+25.43	−2.24	−189.6	− 0.9
5	+11.82	−2.91	−39.8	−23.8	+ 9.02	+3.42	+ 58.6	−26.4	+23.19	−2.41	−190.5	+ 0.5
6	+ 8.91	−4.31	−63.6	−14.0	+12.44	+1.85	+ 32.2	−30.5	+20.78	−2.56	−190.0	+ 1.9
7	+ 4.60	−5.01	−77.6	− 2.2	+14.29	+0.18	+ 1.7	−30.8	+18.22	−2.69	−188.1	+ 3.1
8	− 0.41	−4.97	−79.8	+ 9.5	+14.47	−1.38	− 29.1	−27.8	+15.53	−2.80	−185.0	+ 4.4
9	− 5.38	−4.20	−70.3	+19.5	+13.09	−2.65	− 56.9	−22.3	+12.73	−2.89	−180.6	+ 5.7
10	− 9.58	−2.83	−50.8	+26.8	+10.44	−3.56	− 79.2	−15.6	+ 9.84	−2.96	−174.9	+ 7.0
11	−12.41	−1.07	−24.0	+30.2	+ 6.88	−4.11	− 94.8	− 8.2	+ 6.88	−3.02	−167.9	+ 8.1
12	−13.48	+0.88	+ 6.2	+29.2	+ 2.77	−4.31	−103.0	− 0.9	+ 3.86	−3.05	−159.8	+ 9.2
13	−12.60	+2.73	+35.4	+24.0	− 1.54	−4.22	−103.9	+ 6.1	+ 0.81	−3.05	−150.6	+10.3
14	− 9.87	+4.23	+59.4	+15.0	− 5.76	−3.85	− 97.8	+12.3	− 2.24	−3.04	−140.3	+11.2
15	− 5.64	+5.12	+74.4	+ 3.3	− 9.61	−3.25	− 85.5	+17.7	− 5.28	−3.01	−129.1	+12.1
16	− 0.52	+5.20	+77.7	− 9.3	−12.86	−2.45	− 67.8	+21.9	− 8.29	−2.96	−117.0	+12.9
17	+ 4.68	+4.42	+68.4	−20.7	−15.31	−1.47	− 45.9	+24.8	−11.25	−2.88	−104.1	+13.6
18	+ 9.10	+2.90	+47.7	−28.6	−16.78	−0.35	− 21.1	+26.2	−14.13	−2.78	− 90.5	+14.2
19	+12.00	+0.89	+19.1	−31.8	−17.13	+0.89	+ 5.1	+25.8	−16.91	−2.68	− 76.3	+14.8
20	+12.89	−1.23	−12.7	−29.8	−16.24	+2.15	+ 30.9	+23.3	−19.59	−2.55	− 61.5	+15.2
21	+11.66	−3.11	−42.5	−23.0	−14.09	+3.35	+ 54.2	+18.6	−22.14	−2.41	− 46.3	+15.5
22	+ 8.55	−4.46	−65.5	−12.8	−10.74	+4.37	+ 72.8	+11.6	−24.55	−2.26	− 30.8	+15.7
23	+ 4.09	−5.07	−78.3	− 1.0	− 6.37	+5.05	+ 84.4	+ 2.5	−26.81	−2.08	− 15.1	+15.8
24	− 0.98	−4.93	−79.3	+10.6	− 1.32	+5.20	+ 86.9	− 7.7	−28.89	−1.89	+ 0.7	+15.8
25	− 5.91	−4.09	−68.7	+20.4	+ 3.88	+4.70	+ 79.2	−17.6	−30.78	−1.70	+ 16.5	+15.7
26	−10.00	−2.66	−48.3	+27.3	+ 8.58	+3.59	+ 61.6	−25.6	−32.48	−1.49	+ 32.2	+15.5
27	−12.66	−0.86	−21.0	+30.2	+12.17	+2.06	+ 36.0	−30.2	−33.97	−1.28	+ 47.7	+15.3
28	−13.52	+1.10	+ 9.2	+28.9	+14.23	+0.35	+ 5.8	−30.8	−35.25	−1.06	+ 63.0	+14.9
29	−12.42	+2.93	+38.1	+23.1	+14.58	−1.24	− 25.0	−28.3	−36.31	−0.84	+ 77.9	+14.3
30	− 9.49	+4.37	+61.2	+13.8	+13.34	−2.55	− 53.3	−23.1	−37.15	−0.61	+ 92.2	+13.8
31	− 5.12	+5.16	+75.0	+ 2.0	+10.79	−3.51	− 76.4	−16.4	−37.76	−0.38	+106.0	+13.2
Juni 1	+ 0.04	+5.15	+77.0	−10.5	+ 7.28	−4.08	− 92.8	− 9.0	−38.14	−0.15	+119.2	+12.5
2	+ 5.19	+4.29	+66.5	−21.5	+ 3.20	−4.32	−101.8	− 1.7	−38.29	+0.09	+131.7	+11.6
3	+ 9.48	+2.70	+45.0	−29.0	− 1.12	−4.25	−103.5	+ 5.4	−38.20	+0.32	+143.3	+10.7
4	+12.18		+16.0		− 5.37		− 98.1		−37.88		+154.0	

0h Welt-Zeit	TITAN $\alpha_{tr}-\alpha_{pl}$		TITAN $\delta_{tr}-\delta_{pl}$		HYPERION $\alpha_{tr}-\alpha_{pl}$		HYPERION $\delta_{tr}-\delta_{pl}$		JAPETUS $\alpha_{tr}-\alpha_{pl}$		JAPETUS $\delta_{tr}-\delta_{pl}$	
1927	s	s	″	″	s	s	″	″	s	s	″	″
Juni 4	+12.18	+0.65	+16.0	−31.7	− 5.37	−3.90	− 98.1	+11.7	−37.88	+0.55	+154.0	+ 9.9
5	+12.83	−1.45	−15.7	−29.1	− 9.27	−3.31	− 86.4	+17.0	−37.33	+0.77	+163.9	+ 8.9
6	+11.38	−3.29	−44.8	−21.9	−12.58	−2.52	− 69.4	+21.4	−36.56	+0.98	+172.8	+ 7.8
7	+ 8.09	−4.55	−66.7	−11.6	−15.10	−1.55	− 48.0	+24.4	−35.58	+1.20	+180.6	+ 6.7
8	+ 3.54	−5.08	−78.3	+ 0.2	−16.65	−0.44	− 23.6	+25.8	−34.38	+1.41	+187.3	+ 5.6
9	− 1.54	−4.85	−78.1	+11.7	−17.09	+0.77	+ 2.2	+25.7	−32.97	+1.60	+192.9	+ 4.4
10	− 6.39	−3.93	−66.4	+21.1	−16.32	+2.03	+ 27.9	+23.4	−31.37	+1.78	+197.3	+ 3.3
11	−10.32	−2.46	−45.3	+27.4	−14.29	+3.24	+ 51.3	+19.0	−29.59	+1.95	+200.6	+ 2.1
12	−12.78	−0.64	−17.9	+30.0	−11.05	+4.26	+ 70.3	+12.3	−27.64	+2.12	+202.7	+ 0.9
13	−13.42	+1.30	+12.1	+28.2	− 6.79	+4.98	+ 82.6	+ 3.5	−25.52	+2.27	+203.6	− 0.3
14	−12.12	+3.09	+40.3	+22.1	− 1.81	+5.16	+ 86.1	− 6.5	−23.25	+2.40	+203.3	− 1.6
15	− 9.03	+4.46	+62.4	+12.5	+ 3.35	+4.73	+ 79.6	−16.3	−20.85	+2.52	+201.7	− 2.8
16	− 4.57	+5.16	+74.9	+ 0.7	+ 8.08	+3.69	+ 63.3	−24.6	−18.33	+2.63	+198.9	− 4.0
17	+ 0.59	+5.06	+75.6	−11.5	+11.77	+2.19	+ 38.7	−29.4	−15.70	+2.72	+194.9	− 5.1
18	+ 5.65	+4.11	+64.1	−22.1	+13.96	+0.50	+ 9.3	−30.5	−12.98	+2.79	+189.8	− 6.3
19	+ 9.76	+2.47	+42.0	−29.1	+14.46	−1.10	− 21.2	−28.2	−10.19	+2.84	+183.5	− 7.4
20	+12.23	+0.42	+12.9	−31.2	+13.36	−2.42	− 49.4	−23.3	− 7.35	+2.89	+176.1	− 8.4
21	+12.65	−1.65	−18.3	−28.2	+10.94	−3.40	− 72.7	−16.8	− 4.46	+2.91	+167.7	− 9.5
22	+11.00	−3.42	−46.5	−20.8	+ 7.54	−4.00	− 89.5	− 9.7	− 1.55	+2.91	+158.2	−10.4
23	+ 7.58	−4.59	−67.3	−10.3	+ 3.54	−4.27	− 99.2	− 2.4	+ 1.36	+2.90	+147.8	−11.3
24	+ 2.99	−5.03	−77.6	+ 1.4	− 0.73	−4.20	−101.6	+ 4.6	+ 4.26	+2.86	+136.5	−12.2
25	− 2.04	−4.73	−76.2	+12.4	− 4.93	−3.88	− 97.0	+10.8	+ 7.12	+2.81	+124.3	−12.9
26	− 6.77	−3.75	−63.8	+21.5	− 8.81	−3.32	− 86.2	+16.2	+ 9.93	+2.75	+111.4	−13.6
27	−10.52	−2.25	−42.3	+27.4	−12.13	−2.55	− 70.0	+20.6	+12.68	+2.66	+ 97.8	−14.2
28	−12.77	−0.43	−14.9	+29.5	−14.68	−1.61	− 49.4	+23.6	+15.34	+2.56	+ 83.6	−14.7
29	−13.20	+1.48	+14.6	+27.3	−16.29	−0.52	− 25.8	+25.3	+17.90	+2.43	+ 68.9	−15.1
30	−11.72	+3.20	+41.9	+21.0	−16.81	+0.65	− 0.5	+25.1	+20.33	+2.30	+ 53.8	−15.5
Juli 1	− 8.52	+4.49	+62.9	+11.3	−16.16	+1.88	+ 24.6	+23.2	+22.63	+2.14	+ 38.3	−15.7
2	− 4.03	+5.11	+74.2	− 0.4	−14.28	+3.07	+ 47.8	+19.1	+24.77	+1.98	+ 22.6	−15.8
3	+ 1.08	+4.92	+73.8	−12.4	−11.21	+4.10	+ 66.9	+12.8	+26.75	+1.80	+ 6.8	−15.8
4	+ 6.00	+3.91	+61.4	−22.4	− 7.11	+4.81	+ 79.7	+ 4.5	+28.55	+1.60	− 9.0	−15.8
5	+ 9.91	+2.24	+39.0	−28.9	− 2.30	+5.07	+ 84.2	− 5.3	+30.15	+1.40	− 24.8	−15.6
6	+12.15	+0.22	+10.1	−30.6	+ 2.77	+4.69	+ 78.9	−14.9	+31.55	+1.19	− 40.4	−15.2
7	+12.37	−1.81	−20.5	−27.1	+ 7.46	+3.73	+ 64.0	−23.1	+32.74	+0.96	− 55.6	−14.8
8	+10.56	−3.49	−47.6	−19.6	+11.19	+2.30	+ 40.9	−28.2	+33.70	+0.72	− 70.4	−14.3
9	+ 7.07	−4.58	−67.2	− 9.1	+13.49	+0.66	+ 12.7	−29.8	+34.42	+0.49	− 84.7	−13.7
10	+ 2.49	−4.95	−76.3	+ 2.3	+14.15	−0.91	− 17.1	−27.9	+34.91	+0.25	− 98.4	−13.0
11	− 2.46	−4.57	−74.0	+13.0	+13.24	−2.25	− 45.0	−23.3	+35.16	+0.01	−111.4	−12.2
12	− 7.03	−3.56	−61.0	+21.7	+10.99	−3.23	− 68.3	−17.1	+35.17	−0.24	−123.6	−11.4
13	−10.59		−39.3		+ 7.76		− 85.4		+34.93		−135.0	

0^h Welt-Zeit	TITAN $\alpha_{tr}-\alpha_{pl}$		TITAN $\delta_{tr}-\delta_{pl}$		HYPERION $\alpha_{tr}-\alpha_{pl}$		HYPERION $\delta_{tr}-\delta_{pl}$		JAPETUS $\alpha_{tr}-\alpha_{pl}$		JAPETUS $\delta_{tr}-\delta_{pl}$	
1927	s	s	"	"	s	s	"	"	s	s	"	"
Juli 13	−10.59	−2.06	−39.3	+27.2	+ 7.76	−3.86	−85.4	−10.3	+34.93	−0.48	−135.0	−10.4
14	−12.65	−0.25	−12.1	+28.8	+ 3.90	−4.15	−95.7	− 3.1	+34.45	−0.71	−145.4	− 9.4
15	−12.90	+1.62	+16.7	+26.2	− 0.25	−4.12	−98.8	+ 3.7	+33.74	−0.94	−154.8	− 8.3
16	−11.28	+3.27	+42.9	+19.8	− 4.37	−3.82	−95.1	+ 9.8	+32.80	−1.17	−163.1	− 7.2
17	− 8.01	+4.47	+62.7	+10.3	− 8.19	−3.30	−85.3	+15.1	+31.63	−1.39	−170.3	− 5.9
18	− 3.54	+5.01	+73.0	− 1.3	−11.49	−2.56	−70.2	+19.5	+30.24	−1.59	−176.2	− 4.7
19	+ 1.47	+4.76	+71.7	−12.9	−14.05	−1.67	−50.7	+22.6	+28.65	−1.79	−180.9	− 3.4
20	+ 6.23	+3.71	+58.8	−22.6	−15.72	−0.63	−28.1	+24.4	+26.86	−1.97	−184.3	− 2.2
21	+ 9.94	+2.04	+36.2	−28.6	−16.35	+0.50	− 3.7	+24.5	+24.89	−2.13	−186.5	− 0.8
22	+11.98	+0.05	+ 7.6	−29.7	−15.85	+1.70	+20.8	+22.9	+22.76	−2.29	−187.3	+ 0.4
23	+12.03	−1.92	−22.1	−26.1	−14.15	+2.85	+43.7	+19.1	+20.47	−2.42	−186.9	+ 1.7
24	+10.11	−3.52	−48.2	−18.4	−11.30	+3.87	+62.8	+13.3	+18.05	−2.54	−185.2	+ 3.0
25	+ 6.59	−4.53	−66.6	− 8.1	− 7.43	+4.61	+76.1	+ 5.5	+15.51	−2.64	−182.2	+ 4.3
26	+ 2.06	−4.82	−74.7	+ 3.0	− 2.82	+4.91	+81.6	− 3.8	+12.87	−2.72	−177.9	+ 5.4
27	− 2.76	−4.41	−71.7	+13.4	+ 2.09	+4.63	+77.8	−13.3	+10.15	−2.78	−172.5	+ 6.6
28	− 7.17	−3.38	−58.3	+21.7	+ 6.72	+3.76	+64.5	−21.5	+ 7.37	−2.81	−165.9	+ 7.6
29	−10.55	−1.88	−36.6	+26.7	+10.48	+2.41	+43.0	−26.8	+ 4.56	−2.83	−158.3	+ 8.7
30	−12.43	−0.11	− 9.9	+28.0	+12.89	+0.85	+16.2	−28.8	+ 1.73	−2.84	−149.6	+ 9.7
31	−12.54	+1.70	+18.1	+25.3	+13.74	−0.69	−12.6	−27.4	− 1.11	−2.82	−139.9	+10.6
Aug. 1	−10.84	+3.29	+43.4	+18.8	+13.05	−2.02	−40.0	−23.4	− 3.93	−2.79	−129.3	+11.4
2	− 7.55	+4.42	+62.2	+ 9.3	+11.03	−3.02	−63.4	−17.5	− 6.72	−2.73	−117.9	+12.1
3	− 3.13	+4.89	+71.5	− 2.0	+ 8.01	−3.67	−80.9	−10.8	− 9.45	−2.66	−105.8	+12.7
4	+ 1.76	+4.59	+69.5	−13.3	+ 4.34	−3.98	−91.7	− 4.1	−12.11	−2.57	− 93.1	+13.3
5	+ 6.35	+3.53	+56.2	−22.5	+ 0.36	−4.00	−95.8	+ 2.6	−14.68	−2.47	− 79.8	+13.8
6	+ 9.88	+1.87	+33.7	−28.0	− 3.64	−3.75	−93.2	+ 8.6	−17.15	−2.35	− 66.0	+14.2
7	+11.75	−0.08	+ 5.7	−29.0	− 7.39	−3.26	−84.6	+13.9	−19.50	−2.22	− 51.8	+14.4
8	+11.67	−1.98	−23.3	−25.1	−10.65	−2.60	−70.7	+18.3	−21.72	−2.08	− 37.4	+14.6
9	+ 9.69	−3.51	−48.4	−17.4	−13.25	−1.75	−52.4	+21.5	−23.80	−1.92	− 22.8	+14.7
10	+ 6.18	−4.44	−65.8	− 7.3	−15.00	−0.78	−30.9	+23.4	−25.72	−1.76	− 8.1	+14.7
11	+ 1.74	−4.69	−73.1	+ 3.5	−15.78	+0.32	− 7.5	+23.9	−27.48	−1.58	+ 6.6	+14.5
12	− 2.95	−4.26	−69.6	+13.6	−15.46	+1.46	+16.4	+22.5	−29.06	−1.40	+ 21.1	+14.4
13	− 7.21	−3.22	−56.0	+21.5	−14.00	+2.59	+38.9	+19.3	−30.46	−1.21	+ 35.5	+14.1
14	−10.43	−1.74	−34.5	+26.3	−11.41	+3.60	+58.2	+13.9	−31.67	−1.02	+ 49.6	+13.8
15	−12.17	−0.01	− 8.2	+27.3	− 7.81	+4.36	+72.1	+ 6.6	−32.69	−0.82	+ 63.4	+13.3
16	−12.18	+1.74	+19.1	+24.4	− 3.45	+4.73	+78.7	− 2.2	−33.51	−0.62	+ 76.7	+12.9
17	−10.44	+3.27	+43.5	+18.0	+ 1.28	+4.56	+76.5	−11.4	−34.13	−0.42	+ 89.6	+12.3
18	− 7.17	+4.34	+61.5	+ 8.6	+ 5.84	+3.80	+65.1	−19.6	−34.55	−0.22	+101.9	+11.7
19	− 2.83	+4.77	+70.1	− 2.6	+ 9.64	+2.56	+45.5	−25.4	−34.77	−0.01	+113.6	+10.9
20	+ 1.94	+4.44	+67.5	−13.4	+12.20	+1.07	+20.1	−27.8	−34.78	+0.19	+124.5	+10.2
21	+ 6.38		+54.1		+13.27		− 7.7		−34.59		+134.7	

0^h Welt-Zeit	TITAN $\alpha_{tr}-\alpha_{pl}$		TITAN $\delta_{tr}-\delta_{pl}$		HYPERION $\alpha_{tr}-\alpha_{pl}$		HYPERION $\delta_{tr}-\delta_{pl}$		JAPETUS $\alpha_{tr}-\alpha_{pl}$		JAPETUS $\delta_{tr}-\delta_{pl}$	
1927	s	s	″	″	s	s	″	″	s	s	″	″
Aug. 21	+ 6.38	+3.37	+54.1	−22.3	+13.27	−0.43	− 7.7	−26.9	−34.59	+0.38	+134.7	+ 9.4
22	+ 9.75	+1.74	+31.8	−27.6	+12.84	−1.74	−34.6	−23.4	−34.21	+0.58	+144.1	+ 8.5
23	+11.49	−0.16	+ 4.2	−28.2	+11.10	−2.75	−58.0	−18.0	−33.63	+0.76	+152.6	+ 7.6
24	+11.33	−2.00	−24.0	−24.2	+ 8.35	−3.44	−76.0	−11.7	−32.87	+0.95	+160.2	+ 6.6
25	+ 9.33	−3.46	−48.2	−16.7	+ 4.91	−3.79	−87.7	− 5.2	−31.92	+1.13	+166.8	+ 5.7
26	+ 5.87	−4.36	−64.9	− 6.7	+ 1.12	−3.87	−92.9	+ 1.3	−30.79	+1.30	+172.5	+ 4.7
27	+ 1.51	−4.56	−71.6	+ 3.9	− 2.75	−3.67	−91.6	+ 7.3	−29.49	+1.46	+177.2	+ 3.7
28	− 3.05	−4.11	−67.7	+13.6	− 6.42	−3.26	−84.3	+12.5	−28.03	+1.61	+180.9	+ 2.7
29	− 7.16	−3.09	−54.1	+21.3	− 9.68	−2.65	−71.8	+17.0	−26.42	+1.75	+183.6	+ 1.6
30	−10.25	−1.64	−32.8	+25.7	−12.33	−1.86	−54.8	+20.3	−24.67	+1.88	+185.2	+ 0.5
31	−11.89	+0.05	− 7.1	+26.7	−14.19	−0.95	−34.5	+22.5	−22.79	+2.01	+185.7	− 0.5
Sept. 1	−11.84	+1.75	+19.6	+23.8	−15.14	+0.09	−12.0	+23.2	−20.78	+2.12	+185.2	− 1.5
2	−10.09	+3.23	+43.4	+17.3	−15.05	+1.18	+11.2	+22.3	−18.66	+2.21	+183.7	− 2.6
3	− 6.86	+4.25	+60.7	+ 8.0	−13.87	+2.28	+33.5	+19.6	−16.45	+2.30	+181.1	− 3.6
4	− 2.61	+4.64	+68.7	− 2.8	−11.59	+3.30	+53.1	+14.7	−14.15	+2.37	+177.5	− 4.5
5	+ 2.03	+4.30	+65.9	−13.5	− 8.29	+4.11	+67.8	+ 8.0	−11.78	+2.43	+173.0	− 5.5
6	+ 6.33	+3.24	+52.4	−22.1	− 4.18	+4.54	+75.8	− 0.4	− 9.35	+2.48	+167.5	− 6.5
7	+ 9.57	+1.65	+30.3	−27.0	+ 0.36	+4.48	+75.4	− 9.4	− 6.87	+2.51	+161.0	− 7.4
8	+11.22	−0.21	+ 3.3	−27.6	+ 4.84	+3.85	+66.0	−17.7	− 4.36	+2.52	+153.6	− 8.2
9	+11.01	−1.98	−24.3	−23.6	+ 8.69	+2.75	+48.3	−23.7	− 1.84	+2.52	+145.4	− 9.1
10	+ 9.03	−3.40	−47.9	−16.1	+11.44	+1.34	+24.6	−26.8	+ 0.68	+2.52	+136.3	− 9.8
11	+ 5.63	−4.25	−64.0	− 6.3	+12.78	−0.11	− 2.2	−26.6	+ 3.20	+2.49	+126.5	−10.5
12	+ 1.38	−4.44	−70.3	+ 4.1	+12.67	−1.42	−28.8	−23.5	+ 5.69	+2.44	+116.0	−11.2
13	− 3.06	−3.99	−66.2	+13.6	+11.25	−2.46	−52.3	−18.7	+ 8.13	+2.39	+104.8	−11.8
14	− 7.05	−2.99	−52.6	+20.9	+ 8.79	−3.18	−71.0	−12.8	+10.52	+2.32	+ 93.0	−12.2
15	−10.04	−1.57	−31.7	+25.3	+ 5.61	−3.60	−83.8	− 6.4	+12.84	+2.24	+ 80.8	−12.7
16	−11.61	+0.07	− 6.4	+26.2	+ 2.01	−3.73	−90.2	− 0.2	+15.08	+2.14	+ 68.1	−13.1
17	−11.54	+1.73	+19.8	+23.3	− 1.72	−3.61	−90.4	+ 5.7	+17.22	+2.03	+ 55.0	−13.4
18	− 9.81	+3.16	+43.1	+16.8	− 5.33	−3.26	−84.7	+11.1	+19.25	+1.91	+ 41.6	−13.6
19	− 6.65	+4.16	+59.9	+ 7.7	− 8.59	−2.73	−73.6	+15.6	+21.16	+1.77	+ 28.0	−13.7
20	− 2.49	+4.53	+67.6	− 3.0	−11.32	−2.01	−58.0	+19.1	+22.93	+1.62	+ 14.3	−13.7
21	+ 2.04	+4.20	+64.6	−13.5	−13.33	−1.15	−38.9	+21.6	+24.55	+1.46	+ 0.6	−13.7
22	+ 6.24	+3.15	+51.1	−21.8	−14.48	−0.19	−17.3	+22.6	+26.01	+1.30	− 13.1	−13.6
23	+ 9.39	+1.59	+29.3	−26.6	−14.67	+0.88	+ 5.3	+22.3	+27.31	+1.12	− 26.7	−13.3
24	+10.98	−0.22	+ 2.7	−27.1	−13.79	+1.95	+27.6	+20.0	+28.43	+0.94	− 40.0	−13.1
25	+10.76	−1.95	−24.4	−23.1	−11.84	+2.98	+47.6	+15.7	+29.37	+0.75	− 53.1	−12.3
26	+ 8.81	−3.32	−47.5	−15.7	− 8.86	+3.83	+63.3	+ 9.5	+30.12	+0.56	− 65.8	−12.7
27	+ 5.49	−4.16	−63.2	− 6.1	− 5.03	+4.35	+72.8	+ 1.7	+30.68	+0.36	− 78.1	−11.7
28	+ 1.33	−4.33	−69.3	+ 4.2	− 0.68	+4.41	+74.5	− 7.1	+31.04	+0.15	− 89.8	−11.1
29	− 3.00		−65.1		+ 3.73		+67.4		+31.19		−100.9	

Östliche Elongationen (in Welt-Zeit)

MIMAS

	h		h		h		h		h
Febr. 7	8.2	März 23	15.2	Mai 6	22.1	Juni 20	5.0	Aug. 3	12.0
8	6.8	24	13.9	7	20.7	21	3.6	4	10.6
9	5.4	25	12.5	8	19.3	22	2.2	5	9.2
10	4.1	26	11.1	9	17.9	23	0.8	6	7.8
11	2.7	27	9.7	10	16.5	23	23.4	7	6.5
12	1.3	28	8.4	11	15.2	24	22.0	8	5.1
12	23.9	29	7.0	12	13.8	25	20.6	9	3.7
13	22.6	30	5.6	13	12.4	26	19.2	10	2.3
14	21.2	31	4.2	14	11.0	27	17.8	11	0.9
15	19.8	April 1	2.8	15	9.7	28	16.5	11	23.5
16	18.4	2	1.5	16	8.3	29	15.1	12	22.2
17	17.0	3	0.1	17	6.9	30	13.7	13	20.8
18	15.6	3	22.7	18	5.5	Juli 1	12.3	14	19.4
19	14.2	4	21.3	19	4.1	2	11.0	15	18.0
20	12.9	5	19.9	20	2.8	3	9.6	16	16.7
21	11.5	6	18.5	21	1.4	4	8.2	17	15.3
22	10.1	7	17.1	22	0.0	5	6.8	18	13.9
23	8.7	8	15.7	22	22.6	6	5.4	19	12.5
24	7.4	9	14.4	23	21.2	7	4.1	20	11.2
25	6.0	10	13.0	24	19.8	8	2.7	21	9.8
26	4.6	11	11.6	25	18.4	9	1.3	22	8.4
27	3.2	12	10.2	26	17.0	9	23.9	23	7.0
28	1.8	13	8.8	27	15.7	10	22.5	24	5.7
März 1	0.5	14	7.4	28	14.3	11	21.1	25	4.3
1	23.1	15	6.0	29	12.9	12	19.7	26	2.9
2	21.7	16	4.6	30	11.5	13	18.3	27	1.5
3	20.3	17	3.3	31	10.1	14	17.0	28	0.1
4	18.9	18	1.9	Juni 1	8.7	15	15.6	28	22.8
5	17.5	19	0.5	2	7.3	16	14.2	29	21.4
6	16.1	19	23.1	3	5.9	17	12.8	30	20.0
7	14.7	20	21.7	4	4.6	18	11.5	31	18.6
8	13.4	21	20.3	5	3.2	19	10.1	Sept. 1	17.3
9	12.0	22	18.9	6	1.8	20	8.7	2	15.9
10	10.6	23	17.5	7	0.4	21	7.3	3	14.5
11	9.2	24	16.1	7	23.0	22	5.9	4	13.1
12	7.9	25	14.8	8	21.6	23	4.6	5	11.8
13	6.5	26	13.4	9	20.2	24	3.2	6	10.4
14	5.1	27	12.0	10	18.8	25	1.8	7	9.0
15	3.7	28	10.6	11	17.4	26	0.4	8	7.6
16	2.3	29	9.2	12	16.1	26	23.0	9	6.3
17	1.0	30	7.8	13	14.7	27	21.6	10	4.9
17	23.6	Mai 1	6.4	14	13.3	28	20.2	11	3.5
18	22.2	2	5.0	15	11.9	29	18.9	12	2.1
19	20.8	3	3.7	16	10.5	30	17.5	13	0.8
20	19.4	4	2.3	17	9.1	31	16.1	13	23.4
21	18.0	5	0.9	18	7.7	Aug. 1	14.7	14	22.0
22	16.6	5	23.5	19	6.3	2	13.3	15	20.6

Östliche Elongationen (in Welt-Zeit)

MIMAS

Datum	h
Sept. 16	19.3
17	17.9
18	16.5
19	15.2
20	13.8
21	12.4
22	11.1
23	9.7
24	8.3
25	6.9
26	5.6
27	4.2
28	2.8
29	1.4

ENCELADUS

Datum	h
Febr. 7	13.7
8	22.6
10	7.5
11	16.4
13	1.2
14	10.1
15	19.0
17	3.9
18	12.8
19	21.7
21	6.5
22	15.4
24	0.3
25	9.2
26	18.1
28	3.0
März 1	11.9
2	20.8
4	5.6
5	14.5
6	23.4
8	8.3
9	17.2
11	2.1
12	11.0
13	19.9
15	4.8
16	13.6
17	22.5
19	7.4

ENCELADUS

Datum	h
März 20	16.3
22	1.2
23	10.1
24	18.9
26	3.8
27	12.7
28	21.6
30	6.4
31	15.3
April 2	0.2
3	9.1
4	17.9
6	2.8
7	11.7
8	20.6
10	5.4
11	14.3
12	23.2
14	8.1
15	16.9
17	1.8
18	10.7
19	19.6
21	4.4
22	13.3
23	22.2
25	7.1
26	15.9
28	0.8
29	9.7
30	18.6
Mai 2	3.5
3	12.3
4	21.2
6	6.1
7	15.0
8	23.9
10	8.8
11	17.6
13	2.5
14	11.4
15	20.3
17	5.1
18	14.0
19	22.9
21	7.8
22	16.6

ENCELADUS

Datum	h
Mai 24	1.5
25	10.4
26	19.3
28	4.1
29	13.0
30	21.9
Juni 1	6.8
2	15.6
4	0.5
5	9.4
6	18.3
8	3.1
9	12.0
10	20.9
12	5.8
13	14.6
14	23.5
16	8.4
17	17.3
19	2.1
20	11.0
21	19.9
23	4.8
24	13.6
25	22.5
27	7.4
28	16.3
30	1.1
Juli 1	10.0
2	18.9
4	3.8
5	12.7
6	21.5
8	6.4
9	15.3
11	0.2
12	9.1
13	18.0
15	2.8
16	11.7
17	20.6
19	5.5
20	14.4
21	23.3
23	8.1
24	17.0
26	1.9

ENCELADUS

Datum	h
Juli 27	10.8
28	19.7
30	4.6
31	13.4
Aug. 1	22.3
3	7.2
4	16.1
6	1.0
7	9.9
8	18.8
10	3.7
11	12.6
12	21.5
14	6.4
15	15.3
17	0.2
18	9.1
19	18.0
21	2.9
22	11.8
23	20.6
25	5.5
26	14.4
27	23.3
29	8.2
30	17.1
Sept. 1	1.9
2	10.8
3	19.7
5	4.6
6	13.5
7	22.4
9	7.3
10	16.2
12	1.1
13	10.0
14	18.9
16	3.8
17	12.7
18	21.6
20	6.5
21	15.4
23	0.3
24	9.2
25	18.1
27	3.0
28	11.9

ENCELADUS

Datum	h
Sept. 29	20.8

TETHYS

Datum	h
Febr. 8	2.3
9	23.6
11	20.9
13	18.3
15	15.6
17	12.9
19	10.2
21	7.5
23	4.8
25	2.2
26	23.5
28	20.8
März 2	18.1
4	15.4
6	12.7
8	10.0
10	7.3
12	4.6
14	1.9
15	23.2
17	20.5
19	17.8
21	15.1
23	12.4
25	9.7
27	7.0
29	4.3
31	1.6
April 1	22.9
3	20.2
5	17.5
7	14.8
9	12.1
11	9.4
13	6.7
15	4.0
17	1.3
18	22.6
20	19.9
22	17.2
24	14.5
26	11.8
28	9.1

Östliche Elongationen (in Welt-Zeit)

TETHYS

		h
April	30	6.3
Mai	2	3.6
	4	0.9
	5	22.2
	7	19.5
	9	16.8
	11	14.1
	13	11.4
	15	8.7
	17	5.9
	19	3.2
	21	0.5
	22	21.8
	24	19.1
	26	16.4
	28	13.7
	30	11.0
Juni	1	8.2
	3	5.5
	5	2.8
	7	0.1
	8	21.4
	10	18.7
	12	16.0
	14	13.3
	16	10.6
	18	7.8
	20	5.1
	22	2.4
	23	23.7
	25	21.0
	27	18.3
	29	15.6
Juli	1	12.9
	3	10.2
	5	7.5
	7	4.8
	9	2.1
	10	23.4
	12	20.7
	14	18.0
	16	15.3
	18	12.6
	20	9.9
	22	7.2
	24	4.5
	26	1.8

TETHYS

		h
Juli	27	23.1
	29	20.4
	31	17.7
Aug.	2	15.0
	4	12.4
	6	9.7
	8	7.0
	10	4.3
	12	1.6
	13	22.9
	15	20.2
	17	17.5
	19	14.9
	21	12.2
	23	9.5
	25	6.8
	27	4.1
	29	1.4
	30	22.8
Sept.	1	20.1
	3	17.4
	5	14.7
	7	12.0
	9	9.4
	11	6.7
	13	4.0
	15	1.3
	16	22.7
	18	20.0
	20	17.3
	22	14.6
	24	12.0
	26	9.3
	28	6.6

DIONE

		h
Febr.	9	1.7
	11	19.4
	14	13.1
	17	6.8
	20	0.6
	22	18.3
	25	12.0
	28	5.7
März	2	23.4
	5	17.0

DIONE

		h
März	8	10.7
	11	4.4
	13	22.1
	16	15.8
	19	9.5
	22	3.1
	24	20.8
	27	14.5
	30	8.2
April	2	1.9
	4	19.5
	7	13.2
	10	6.8
	13	0.5
	15	18.1
	18	11.8
	21	5.4
	23	23.1
	26	16.7
	29	10.4
Mai	2	4.0
	4	21.7
	7	15.3
	10	9.0
	13	2.6
	15	20.3
	18	13.9
	21	7.6
	24	1.2
	26	18.9
	29	12.5
Juni	1	6.2
	3	23.8
	6	17.5
	9	11.1
	12	4.8
	14	22.4
	17	16.1
	20	9.8
	23	3.4
	25	21.1
	28	14.7
Juli	1	8.4
	4	2.1
	6	19.8
	9	13.4
	12	7.1

DIONE

		h
Juli	15	0.7
	17	18.4
	20	12.1
	23	5.8
	25	23.5
	28	17.1
	31	10.8
Aug.	3	4.5
	5	22.2
	8	15.9
	11	9.6
	14	3.2
	16	20.9
	19	14.6
	22	8.3
	25	2.0
	27	19.7
	30	13.5
Sept.	2	7.2
	5	0.9
	7	18.6
	10	12.3
	13	6.0
	15	23.8
	18	17.5
	21	11.2
	24	4.9
	26	22.7
	29	16.4

RHEA

		h
Febr.	9	8.0
	13	20.5
	18	9.0
	22	21.5
	27	10.0
März	3	22.4
	8	10.9
	12	23.3
	17	11.7
	22	0.2
	26	12.6
	31	1.0
April	4	13.3
	9	1.7
	13	14.0

RHEA

		h
April	18	2.4
	22	14.7
	27	3.1
Mai	1	15.4
	6	3.7
	10	16.0
	15	4.3
	19	16.6
	24	5.0
	28	17.3
Juni	2	5.6
	6	17.9
	11	6.2
	15	18.5
	20	6.9
	24	19.2
	29	7.6
Juli	3	19.9
	8	8.2
	12	20.6
	17	8.9
	21	21.3
	26	9.8
	30	22.2
Aug.	4	10.6
	8	23.0
	13	11.5
	17	23.9
	22	12.3
	27	0.8
	31	13.3
Sept.	5	1.8
	9	14.3
	14	2.8
	18	15.3
	23	3.8
	27	16.4

Elongationen und Konjunktionen (in Welt-Zeit)

TITAN

Datum		h	
Febr.	9	14.6	Ob. Konj.
	13	9.7	Östl. El.
	17	9.1	Unt. Konj.
	21	13.9	Westl. El.
	25	14.1	Ob. Konj.
März	1	9.1	Östl. El.
	5	8.4	Unt. Konj.
	9	13.1	Westl. El.
	13	13.1	Ob. Konj.
	17	8.0	Östl. El.
	21	7.2	Unt. Konj.
	25	11.8	Westl. El.
	29	11.7	Ob. Konj.
April	2	6.5	Östl. El.
	6	5.5	Unt. Konj.
	10	10.0	Westl. El.
	14	9.8	Ob. Konj.
	18	4.5	Östl. El.
	22	3.4	Unt. Konj.
	26	7.8	Westl. El.
	30	7.5	Ob. Konj.
Mai	4	2.1	Östl. El.
	8	0.9	Unt. Konj.
	12	5.2	Westl. El.
	16	5.0	Ob. Konj.
	19	23.5	Östl. El.
	23	22.2	Unt. Konj.
	28	2.4	Westl. El.
Juni	1	2.4	Ob. Konj.
	4	20.9	Östl. El.
	8	19.5	Unt. Konj.
	12	23.7	Westl. El.
	16	23.8	Ob. Konj.
	20	18.4	Östl. El.
	24	17.0	Unt. Konj.
	28	21.2	Westl. El.
Juli	2	21.5	Ob. Konj.
	6	16.2	Östl. El.
	10	14.8	Unt. Konj.
	14	19.1	Westl. El.
	18	19.5	Ob. Konj.
	22	14.3	Östl. El.
	26	12.9	Unt. Konj.
	30	17.3	Westl. El.
Aug.	3	17.9	Ob. Konj.
	7	12.8	Östl. El.
	11	11.5	Unt. Konj.
	15	16.1	Westl. El.
	19	16.8	Ob. Konj.
	23	11.8	Östl. El.
	27	10.6	Unt. Konj.
	31	15.4	Westl. El.
Sept.	4	16.1	Ob. Konj.
	8	11.3	Östl. El.
	12	10.2	Unt. Konj.
	16	15.1	Westl. El.
	20	15.9	Ob. Konj.
	24	11.1	Östl. El.
	28	10.3	Unt. Konj.

HYPERION

Datum		h	
Febr.	7	7.2	Ob. Konj.
	11	12.0	Östl. El.
	16	20.7	Unt. Konj.
	23	11.9	Westl. El.
	28	14.8	Ob. Konj.
März	4	19.8	Östl. El.
	10	5.0	Unt. Konj.
	16	19.2	Westl. El.
	21	21.3	Ob. Konj.
	26	2.0	Östl. El.
	31	11.4	Unt. Konj.
April	7	0.8	Westl. El.
	12	2.2	Ob. Konj.
	16	6.7	Östl. El.
	21	15.8	Unt. Konj.
	28	4.4	Westl. El.
Mai	3	5.8	Ob. Konj.
	7	10.5	Östl. El.
	12	18.8	Unt. Konj.
	19	6.9	Westl. El.
	24	8.4	Ob. Konj.
	28	13.3	Östl. El.
Juni	2	21.0	Unt. Konj.
	9	8.8	Westl. El.
	14	10.7	Ob. Konj.
	18	15.6	Östl. El.
	23	23.0	Unt. Konj.
	30	10.8	Westl. El.
Juli	5	13.1	Ob. Konj.
	9	18.1	Östl. El.
	15	1.5	Unt. Konj.
	21	13.5	Westl. El.
	26	16.0	Ob. Konj.
	30	21.2	Östl. El.
Aug.	5	5.1	Unt. Konj.
	11	17.4	Westl. El.
	16	19.9	Ob. Konj.
	21	1.1	Östl. El.
	26	10.0	Unt. Konj.
Sept.	1	22.7	Westl. El.
	7	0.7	Ob. Konj.
	11	6.2	Östl. El.
	16	16.2	Unt. Konj.
	23	5.1	Westl. El.
	28	6.2	Ob. Konj.

JAPETUS

Datum		h	
Febr.	24	6.7	Unt. Konj.
März	16	14.3	Westl. El.
April	6	7.6	Ob. Konj.
	25	13.1	Östl. El.
Mai	14	3.8	Unt. Konj.
Juni	3	0.0	Westl. El.
	23	11.9	Ob. Konj.
Juli	12	19.1	Östl. El.
	31	13.3	Unt. Konj.
Aug.	20	17.0	Westl. El.
Sept.	10	18.0	Ob. Konj.

Welt-Zeit		
Jan.		
2	16h	☿ ☌ ☾
4	16	♀ ☌ ☾
5	19	♀ im Aphel
6	22	♃ ☌ ☾
11	1	☿ im Aphel
12	2	♂ ☌ ☾
28	13	♄ ☌ ☾
28	14	☿ obere ☌ ☉
Febr.		
2	15	☿ ☌ ☾
3	14	♀ ☌ ☾
3	17	♃ ☌ ☾
5	14	♀ ☌ ♃, ♀ 0° 37′ S.
9	5	♂ ☌ ☾
13	12	☿ ☌ ♃ ☿ 0° 8′ S.
15	7	♆ ☍ ☉
24	1	☿ im Perihel
25	0	♄ ☌ ☾
25	15	☿ gr. östl. El. 18° 8′
März		
1	11	♃ ☌ ☉
3	14	♃ ☌ ☾
4	14	☿ ☌ ☾
5	10	♀ ☌ ☾
9	15	♂ ☌ ☾
13	15	☿ untere ☌ ☉
15	7	♄ stationär
20	20	☿ ☌ ♃, ☿ 3° 27′ N.
21	0	♅ ☌ ☉
24	8	♄ ☌ ☾
31	8	☿ ☌ ☾
31	12	♃ ☌ ☾
April		
4	8	♀ ☌ ☾
6	5	☿ ☌ ♃, ☿ 0° 29′ S.
7	4	♂ ☌ ☾
9	1	☿ im Aphel
10	8	☿ gr. westl. El. 27° 44′
20	12	♄ ☌ ☾
28	6	♀ im Perihel
28	7	♃ ☌ ☾
30	1	☿ ☌ ☾
Mai		
4	7	♀ ☌ ☾
5	20	♂ ☌ ☾

Welt-Zeit		
Mai		
17	14h	♄ ☌ ☾
20	3	☿ obere ☌ ☉
23	0	☿ im Perihel
25	23	♃ ☌ ☾
26	15	♄ ☍ ☉
31	22	☿ ☌ ☾
Juni		
3	6	♀ ☌ ☾
3	12	♂ ☌ ☾
9	18	♀ ☌ ♂, ♀ 0° 58′ N.
13	18	♄ ☌ ☾
22	11	♃ ☌ ☾
22	11	☿ gr. östl. El. 25° 5′
27	4	♂ im Aphel
Juli		
1	1	☿ ☌ ☾
2	4	♂ ☌ ☾
2	21	♀ gr. östl. El. 45° 27′
2	22	♀ ☌ ☾
6	0	☿ im Aphel
10	23	♄ ☌ ☾
19	19	♃ ☌ ☾
20	0	☿ untere ☌ ☉
25	5	♃ stationär
27	17	☿ ☌ ☾
30	22	♂ ☌ ☾
Aug.		
1	0	♀ ☌ ☾
5	15	♀ im größten Glanz
6	7	♄ stationär
7	7	♄ ☌ ☾
8	12	☿ gr. westl. El. 19° 5′
16	1	♃ ☌ ☾
18	14	♀ im Aphel
19	0	☿ im Perihel
20	18	♆ ☌ ☉
26	14	☿ ☌ ☾
28	13	♀ ☌ ☾
28	16	♂ ☌ ☾
Sept.		
2	15	☿ obere ☌ ☉
3	16	♄ ☌ ☾
10	18	♀ untere ☌ ☉
12	6	♃ ☌ ☾
16	6	☿ ☌ ♂, ☿ 0° 6′ S.

Welt-Zeit		
Sept.		
22	12h	♃ ☍ ☉
23	17	♀ ☌ ☾
25	12	♅ ☍ ☉
26	12	♂ ☌ ☾
27	9	☿ ☌ ☾
Okt.		
1	3	♄ ☌ ☾
1	23	☿ im Aphel
9	11	♄ ☌ ☾
17	20	♀ im größten Glanz
18	16	☿ gr. östl. El. 24° 41
21	3	♂ ☌ ☉
21	13	♀ ☌ ☾
25	10	♂ ☌ ☾
27	13	☿ ☌ ☾
28	14	♄ ☌ ☾
Nov.		
5	17	♃ ☌ ☾
10	6	☿ untere ☌ ☉; Merkurdurchgang
13	19	☿ ☌ ♂; ☿ 0° 56′ N.
14	23	☿ im Perihel
20	0	♀ ☌ ☾
20	8	♃ stationär
21	12	♀ gr. westl. El. 46° 43
22	16	☿ ☌ ☾
23	9	♂ ☌ ☾
25	2	♄ ☌ ☾
27	0	☿ gr. westl. El. 20° 1
Dez.		
3	1	♃ ☌ ☾
3	8	♄ ☌ ☉
9	4	♀ im Perihel
9	23	☿ ☌ ♂, ☿ 1° 8′ N.
17	10	☿ ☌ ♄, ☿ 1° 24′ S.
20	4	♀ ☌ ☾
22	10	♂ ☌ ☾
22	16	♄ ☌ ☾
23	8	☿ ☌ ☾
26	22	♂ ☌ ♄, ♂ 1° 46 S.
28	23	☿ im Aphel
30	11	♃ ☌ ☾

Präzession in Rektaszension (p_α) und Deklination (p_δ)

α \ δ	p_α +60°	+50°	+40°	+30°	+20°	+10°	0°	−10°	−20°	−30°	−40°	−50°	−60°	p_δ
h	s	s	s	s	s	s	s	s	s	s	s	s	s	″
0	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	+20.0
1	3.67	3.48	3.36	3.27	3.20	3.13	3.07	3.01	2.95	2.87	2.78	2.66	2.47	+19.4
2	4.23	3.87	3.63	3.46	3.32	3.19	3.07	2.95	2.83	2.69	2.51	2.28	1.92	+17.4
3	4.71	4.20	3.87	3.62	3.42	3.24	3.07	2.91	2.73	2.53	2.28	1.95	1.44	+14.2
4	5.08	4.45	4.04	3.74	3.49	3.28	3.07	2.87	2.65	2.41	2.10	1.69	1.07	+10.0
5	5.31	4.61	4.16	3.82	3.54	3.30	3.07	2.84	2.60	2.33	1.99	1.53	0.84	+ 5.2
6	5.39	4.67	4.19	3.84	3.56	3.31	3.07	2.84	2.59	2.30	1.95	1.48	0.76	0.0
7	5.31	4.61	4.16	3.82	3.54	3.30	3.07	2.84	2.60	2.33	1.99	1.53	0.84	− 5.2
8	5.08	4.45	4.04	3.74	3.49	3.28	3.07	2.87	2.65	2.41	2.10	1.69	1.07	−10.0
9	4.71	4.20	3.87	3.62	3.42	3.24	3.07	2.91	2.73	2.53	2.28	1.95	1.44	−14.2
10	4.23	3.87	3.63	3.46	3.32	3.19	3.07	2.95	2.83	2.69	2.51	2.28	1.92	−17.4
11	3.67	3.48	3.36	3.27	3.20	3.13	3.07	3.01	2.95	2.87	2.78	2.66	2.47	−19.4
12	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	−20.0
13	2.47	2.66	2.78	2.87	2.95	3.01	3.07	3.13	3.20	3.27	3.36	3.48	3.67	−19.4
14	1.92	2.28	2.51	2.69	2.83	2.95	3.07	3.19	3.32	3.46	3.63	3.87	4.23	−17.4
15	1.44	1.95	2.28	2.53	2.73	2.91	3.07	3.24	3.42	3.62	3.87	4.20	4.71	−14.2
16	1.07	1.69	2.10	2.41	2.65	2.87	3.07	3.28	3.49	3.74	4.04	4.45	5.08	−10.0
17	0.84	1.53	1.99	2.33	2.60	2.84	3.07	3.30	3.54	3.82	4.16	4.61	5.31	− 5.2
18	0.76	1.48	1.95	2.30	2.59	2.84	3.07	3.31	3.56	3.84	4.19	4.67	5.39	0.0
19	0.84	1.53	1.99	2.33	2.60	2.84	3.07	3.30	3.54	3.82	4.16	4.61	5.31	+ 5.2
20	1.07	1.69	2.10	2.41	2.65	2.87	3.07	3.28	3.49	3.74	4.04	4.45	5.08	+10.0
21	1.44	1.95	2.28	2.53	2.73	2.91	3.07	3.24	3.42	3.62	3.87	4.20	4.71	+14.2
22	1.92	2.28	2.51	2.69	2.83	2.95	3.07	3.19	3.32	3.46	3.63	3.87	4.23	+17.4
23	2.47	2.66	2.78	2.87	2.95	3.01	3.07	3.13	3.20	3.27	3.36	3.48	3.67	+19.4
24	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	+20.0

Präzessionswerte und Schiefe der Ekliptik

Zeit	m	n	ψ	$\log \pi$	Π	ε
	s	″	″		° ′	° ′ ″
1900.0	3.07233	20.0468	50.2564	9.67309	173° 57′.06	23° 27′ 8″.26
1905.0	3.07243	20.0464	50.2575	9.67305	173 59.80	23 27 5.92
1910.0	3.07252	20.0460	50.2586	9.67302	174 2.53	23 27 3.58
1915.0	3.07261	20.0456	50.2597	9.67299	174 5.27	23 27 1.23
1920.0	3.07271	20.0451	50.2608	9.67296	174 8.01	23 26 58.89
1925.0	3.07280	20.0447	50.2620	9.67293	174 10.75	23 26 56.55
1930.0	3.07289	20.0443	50.2631	9.67290	174 13.49	23 26 54.21
1935.0	3.07299	20.0438	50.2642	9.67287	174 16.23	23 26 51.87
1940.0	3.07308	20.0434	50.2653	9.67284	174 18.97	23 26 49.52

Präzession in Länge p_λ											Präz. in Br. p_β		
Länge λ	Breite β										Länge λ	Präzession p_β	Diff.
	0°	+1°	+2°	+3°	+4°	+5°	+6°	+7°	+8°	+9°			
°	″	″	″	″	″	″	″	″	″	″	°	″	
0	50.262	.254	.245	.237	.229	50.221	.213	.205	.196	.188	0	+0.048	80
10	.262	.254	.246	.238	.230	.222	.214	.206	.198	.190	10	+0.128	77
20	.262	.255	.247	.240	.232	.225	.217	.210	.202	.195	20	+0.205	70
30	.262	.255	.249	.242	.235	.229	.222	.215	.208	.202	30	+0.275	63
40	50.262	.256	.251	.245	.239	50.233	.227	.221	.216	.210	40	+0.338	52
50	.262	.257	.253	.248	.243	.239	.234	.229	.225	.220	50	+0.390	40
60	.262	.259	.255	.252	.249	.245	.242	.238	.235	.231	60	+0.430	26
70	.262	.260	.258	.256	.254	.252	.250	.248	.246	.244	70	+0.456	14
80	50.262	.261	.261	.260	.259	50.259	.258	.258	.257	.257	80	+0.470	—1
90	.262	.263	.263	.264	.265	.266	.267	.268	.269	.270	90	+0.469	16
100	.262	.264	.267	.269	.271	.273	.275	.277	.280	.282	100	+0.453	29
110	.262	.266	.269	.273	.277	.280	.284	.287	.291	.294	110	+0.424	42
120	50.262	.267	.271	.276	.281	50.286	.291	.296	.301	.306	120	+0.382	54
130	.262	.268	.274	.280	.286	.292	.298	.304	.310	.316	130	+0.328	63
140	.262	.269	.275	.282	.289	.296	.303	.310	.317	.324	140	+0.265	72
150	.262	.270	.277	.285	.292	.300	.307	.315	.322	.330	150	+0.193	77
160	50.262	.270	.278	.286	.294	50.302	.310	.318	.326	.334	160	+0.116	81
170	.262	.270	.279	.287	.295	.303	.311	.319	.328	.336	170	+0.035	83
180	.262	.270	.279	.287	.295	.303	.311	.319	.328	.336	180	—0.048	80
190	.262	.270	.278	.286	.294	.302	.310	.318	.326	.334	190	—0.128	77
200	50.262	.269	.277	.284	.292	50.299	.307	.314	.322	.329	200	—0.205	70
210	.262	.269	.275	.282	.289	.295	.302	.309	.316	.322	210	—0.275	63
220	.262	.268	.273	.279	.285	.291	.297	.303	.308	.314	220	—0.338	52
230	.262	.267	.271	.276	.281	.285	.290	.295	.299	.304	230	—0.390	40
240	50.262	.265	.269	.272	.275	50.279	.282	.286	.289	.293	240	—0.430	26
250	.262	.264	.266	.268	.270	.272	.274	.276	.278	.280	250	—0.456	14
260	.262	.263	.263	.264	.265	.265	.266	.266	.267	.267	260	—0.470	—1
270	.262	.261	.261	.260	.259	.258	.257	.256	.255	.254	270	—0.469	16
280	50.262	.260	.257	.255	.253	50.251	.249	.247	.244	.242	280	—0.453	29
290	.262	.258	.255	.251	.247	.244	.240	.237	.233	.230	290	—0.424	42
300	.262	.257	.253	.248	.243	.238	.233	.228	.223	.218	300	—0.382	54
310	.262	.256	.250	.244	.238	.232	.226	.220	.214	.208	310	—0.328	63
320	50.262	.255	.249	.242	.235	50.228	.221	.214	.207	.200	320	—0.265	72
330	.262	.254	.247	.239	.232	.224	.217	.209	.202	.194	330	—0.193	77
340	.262	.254	.246	.238	.230	.222	.214	.206	.198	.190	340	—0.116	81
350	.262	.254	.245	.237	.229	.221	.213	.205	.196	.188	350	—0.035	83
360	50.262	.254	.245	.237	.229	50.221	.213	.205	.196	.188	360	+0.048	

Länge λ	Präzession in Länge p_λ — Breite β: 0°	−1°	−2°	−3°	−4°	−5°	−6°	−7°	−8°	−9°	Länge λ	Präz. in Br. p_β — Präzession p_β	
0°	50.262"	.270"	.279"	.287"	.295"	50.303"	.311"	.319"	.328"	.336"	0°	+0.048"	80
10	.262	.270	.278	.286	.294	.302	.310	.318	.326	.334	10	+0.128	77
20	.262	.269	.277	.284	.292	.299	.307	.314	.322	.329	20	+0.205	70
30	.262	.269	.275	.282	.289	.295	.302	.309	.316	.322	30	+0.275	63
40	50.262	.268	.273	.279	.285	50.291	.297	.303	.308	.314	40	+0.338	52
50	.262	.267	.271	.276	.281	.285	.290	.295	.299	.304	50	+0.390	40
60	.262	.265	.269	.272	.275	.279	.282	.286	.289	.293	60	+0.430	26
70	.262	.264	.266	.268	.270	.272	.274	.276	.278	.280	70	+0.456	14
80	50.262	.263	.263	.264	.265	50.265	.266	.266	.267	.267	80	+0.470	—1
90	.262	.261	.261	.260	.259	.258	.257	.256	.255	.254	90	+0.469	16
100	.262	.260	.257	.255	.253	.251	.249	.247	.244	.242	100	+0.453	29
110	.262	.258	.255	.251	.247	.244	.240	.237	.233	.230	110	+0.424	42
120	50.262	.257	.253	.248	.243	50.238	.233	.228	.223	.218	120	+0.382	54
130	.262	.256	.250	.244	.238	.232	.226	.220	.214	.208	130	+0.328	63
140	.262	.255	.249	.242	.235	.228	.221	.214	.207	.200	140	+0.265	72
150	.262	.254	.247	.239	.232	.224	.217	.209	.202	.194	150	+0.193	77
160	50.262	.254	.246	.238	.230	50.222	.214	.206	.198	.190	160	+0.116	81
170	.262	.254	.245	.237	.229	.221	.213	.205	.196	.188	170	+0.035	83
180	.262	.254	.245	.237	.229	.221	.213	.205	.196	.188	180	—0.048	80
190	.262	.254	.246	.238	.230	.222	.214	.206	.198	.190	190	—0.128	77
200	50.262	.255	.247	.240	.232	50.225	.217	.210	.202	.195	200	—0.205	70
210	.262	.255	.249	.242	.235	.229	.222	.215	.208	.202	210	—0.275	63
220	.262	.256	.251	.245	.239	.233	.227	.221	.216	.210	220	—0.338	52
230	.262	.257	.253	.248	.243	.239	.234	.229	.225	.220	230	—0.390	40
240	50.262	.259	.255	.252	.249	50.245	.242	.238	.235	.231	240	—0.430	26
250	.262	.260	.258	.256	.254	.252	.250	.248	.246	.244	250	—0.456	14
260	.262	.261	.261	.260	.259	.259	.258	.258	.257	.257	260	—0.470	—1
270	.262	.263	.263	.264	.265	.266	.267	.268	.269	.270	270	—0.469	16
280	50.262	.264	.267	.269	.271	50.273	.275	.277	.280	.282	280	—0.453	29
290	.262	.266	.269	.273	.277	.280	.284	.287	.291	.294	290	—0.424	42
300	.262	.267	.271	.276	.281	.286	.291	.296	.301	.306	300	—0.382	54
310	.262	.268	.274	.280	.286	.292	.298	.304	.310	.316	310	—0.328	63
320	50.262	.269	.275	.282	.289	50.296	.303	.310	.317	.324	320	—0.265	72
330	.262	.270	.277	.285	.292	.300	.307	.315	.322	.330	330	—0.193	77
340	.262	.270	.278	.286	.294	.302	.310	.318	.326	.334	340	—0.116	81
350	.262	.270	.279	.287	.295	.303	.311	.319	.328	.336	350	—0.035	83
360	50.262	.270	.279	.287	.295	50.303	.311	.319	.328	.336	360	+0.048	

δ \ φ	+30°	+32°	+34°	+36°	+38°	+40°	+42°	+44°	+46°	+48°	+50°
°	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m
−30	4 45.4	4 38.8	4 31.8	4 24.4	4 16.5	4 8.1	3 58.9	3 48.9	3 37.9	3 25.7	3 11.8
29	4 48.6	4 42.3	4 35.6	4 28.6	4 21.1	4 13.0	4 4.3	3 54.9	3 44.5	3 33.0	3 20.1
28	4 51.7	4 45.7	4 39.3	4 32.6	4 25.5	4 17.8	4 9.6	4 0.7	3 50.9	3 40.1	3 28.0
27	4 54.7	4 49.0	4 42.9	4 36.5	4 29.8	4 22.5	4 14.7	4 6.2	3 57.0	3 46.9	3 35.5
26	4 57.7	4 52.2	4 46.5	4 40.4	4 33.9	4 27.1	4 19.7	4 11.7	4 3.0	3 53.4	3 42.8
25	5 0.6	4 55.4	4 49.9	4 44.2	4 38.0	4 31.5	4 24.5	4 16.9	4 8.7	3 59.7	3 49.7
24	5 3.5	4 58.5	4 53.3	4 47.8	4 42.0	4 35.8	4 29.2	4 22.0	4 14.3	4 5.8	3 56.5
23	5 6.3	5 1.6	4 56.6	4 51.4	4 45.9	4 40.1	4 33.8	4 27.0	4 19.7	4 11.8	4 3.0
22	5 9.0	5 4.6	4 59.9	4 55.0	4 49.7	4 44.2	4 38.3	4 31.9	4 25.0	4 17.5	4 9.3
21	5 11.7	5 7.5	5 3.1	4 58.4	4 53.5	4 48.3	4 42.7	4 36.7	4 30.2	4 23.2	4 15.4
−20	5 14.4	5 10.4	5 6.2	5 1.8	4 57.2	4 52.3	4 47.0	4 41.3	4 35.3	4 28.7	4 21.4
19	5 17.0	5 13.3	5 9.3	5 5.2	5 0.8	4 56.2	4 51.2	4 45.9	4 40.2	4 34.0	4 27.3
18	5 19.6	5 16.1	5 12.4	5 8.5	5 4.4	5 0.0	4 55.4	4 50.4	4 45.1	4 39.3	4 33.0
17	5 22.2	5 18.9	5 15.4	5 11.7	5 7.9	5 3.8	4 59.5	4 54.9	4 49.9	4 44.5	4 38.6
16	5 24.7	5 21.6	5 18.4	5 14.9	5 11.4	5 7.5	5 3.5	4 59.2	4 54.6	4 49.5	4 44.1
15	5 27.2	5 24.3	5 21.3	5 18.1	5 14.8	5 11.2	5 7.5	5 3.5	4 59.2	4 54.5	4 49.5
14	5 29.7	5 27.0	5 24.2	5 21.3	5 18.2	5 14.9	5 11.4	5 7.7	5 3.7	4 59.5	4 54.8
13	5 32.1	5 29.7	5 27.1	5 24.4	5 21.5	5 18.5	5 15.3	5 11.9	5 8.2	5 4.3	5 0.0
12	5 34.6	5 32.3	5 29.9	5 27.4	5 24.8	5 22.1	5 19.1	5 16.0	5 12.6	5 9.0	5 5.1
11	5 37.0	5 34.9	5 32.7	5 30.5	5 28.1	5 25.6	5 22.9	5 20.1	5 17.0	5 13.7	5 10.2
−10	5 39.4	5 37.5	5 35.5	5 33.5	5 31.3	5 29.1	5 26.7	5 24.1	5 21.4	5 18.4	5 15.2
9	5 41.7	5 40.1	5 38.3	5 36.5	5 34.6	5 32.5	5 30.4	5 28.1	5 25.7	5 23.0	5 20.2
8	5 44.1	5 42.6	5 41.1	5 39.5	5 37.8	5 36.0	5 34.1	5 32.1	5 29.9	5 27.6	5 25.1
7	5 46.4	5 45.2	5 43.8	5 42.4	5 41.0	5 39.4	5 37.8	5 36.0	5 34.2	5 32.2	5 30.0
6	5 48.8	5 47.7	5 46.6	5 45.4	5 44.1	5 42.8	5 41.4	5 40.0	5 38.4	5 36.7	5 34.9
5	5 51.1	5 50.2	5 49.3	5 48.3	5 47.3	5 46.2	5 45.1	5 43.9	5 42.6	5 41.2	5 39.7
4	5 53.4	5 52.7	5 52.0	5 51.2	5 50.4	5 49.6	5 48.7	5 47.8	5 46.8	5 45.7	5 44.5
3	5 55.8	5 55.2	5 54.7	5 54.1	5 53.6	5 53.0	5 52.3	5 51.6	5 50.9	5 50.1	5 49.3
2	5 58.1	5 57.7	5 57.4	5 57.1	5 56.7	5 56.3	5 55.9	5 55.5	5 55.1	5 54.6	5 54.1
− 1	6 0.4	6 0.2	6 0.1	6 0.0	5 59.8	5 59.7	5 59.5	5 59.4	5 59.2	5 59.0	5 58.9
0	6 2.7	6 2.7	6 2.8	6 2.9	6 2.9	6 3.0	6 3.1	6 3.2	6 3.4	6 3.5	6 3.6
+ 1	6 5.0	6 5.2	6 5.5	6 5.8	6 6.1	6 6.4	6 6.7	6 7.1	6 7.5	6 7.9	6 8.4
2	6 7.3	6 7.7	6 8.2	6 8.7	6 9.2	6 9.8	6 10.3	6 11.0	6 11.6	6 12.4	6 13.2
3	6 9.6	6 10.3	6 10.9	6 11.6	6 12.3	6 13.1	6 14.0	6 14.8	6 15.8	6 16.8	6 18.0
4	6 11.9	6 12.8	6 13.6	6 14.5	6 15.5	6 16.5	6 17.6	6 18.7	6 20.0	6 21.3	6 22.8
5	6 14.3	6 15.3	6 16.4	6 17.5	6 18.6	6 19.9	6 21.2	6 22.6	6 24.2	6 25.8	6 27.6
6	6 16.6	6 17.8	6 19.1	6 20.4	6 21.8	6 23.3	6 24.9	6 26.6	6 28.4	6 30.4	6 32.5
7	6 19.0	6 20.4	6 21.8	6 23.4	6 25.0	6 26.7	6 28.6	6 30.5	6 32.6	6 34.9	6 37.4
8	6 21.3	6 22.9	6 24.6	6 26.4	6 28.2	6 30.2	6 32.3	6 34.5	6 36.9	6 39.5	6 42.3
9	6 23.7	6 25.5	6 27.4	6 29.4	6 31.4	6 33.7	6 36.0	6 38.5	6 41.2	6 44.1	6 47.3
10	6 26.1	6 28.1	6 30.2	6 32.4	6 34.7	6 37.2	6 39.8	6 42.5	6 45.6	6 48.8	6 52.3
+11	6 28.5	6 30.7	6 33.0	6 35.4	6 38.0	6 40.7	6 43.6	6 46.6	6 49.9	6 53.5	6 57.4
12	6 31.0	6 33.4	6 35.9	6 38.5	6 41.3	6 44.3	6 47.4	6 50.8	6 54.4	6 58.3	7 2.5
13	6 33.4	6 36.0	6 38.8	6 41.6	6 44.7	6 47.9	6 51.3	6 54.9	6 58.9	7 3.1	7 7.8
14	6 35.9	6 38.7	6 41.7	6 44.8	6 48.0	6 51.5	6 55.2	6 59.2	7 3.4	7 8.0	7 13.1
15	6 38.4	6 41.4	6 44.6	6 47.9	6 51.5	6 55.2	6 59.2	7 3.5	7 8.1	7 13.0	7 18.5
16	6 41.0	6 44.2	6 47.6	6 51.2	6 54.9	6 58.9	7 3.2	7 7.8	7 12.7	7 18.1	7 23.9
17	6 43.5	6 47.0	6 50.6	6 54.4	6 58.5	7 2.7	7 7.3	7 12.2	7 17.5	7 23.3	7 29.5
18	6 46.1	6 49.8	6 53.7	6 57.7	7 2.0	7 6.6	7 11.5	7 16.7	7 22.4	7 28.5	7 35.3
19	6 48.8	6 52.7	6 56.8	7 1.1	7 5.7	7 10.5	7 15.7	7 21.3	7 27.4	7 33.9	7 41.1
20	6 51.5	6 55.6	6 59.9	7 4.5	7 9.4	7 14.5	7 20.1	7 26.0	7 32.4	7 39.4	7 47.1
+21	6 54.2	6 58.6	7 3.1	7 8.0	7 13.1	7 18.6	7 24.5	7 30.8	7 37.6	7 45.1	7 53.3
22	6 56.9	7 1.6	7 6.4	7 11.5	7 17.0	7 22.8	7 29.0	7 35.7	7 42.9	7 50.9	7 59.6
23	6 59.8	7 4.6	7 9.7	7 15.1	7 20.9	7 27.0	7 33.6	7 40.7	7 48.4	7 56.8	8 6.1
24	7 2.6	7 7.7	7 13.1	7 18.8	7 24.9	7 31.3	7 38.3	7 45.8	7 54.0	8 2.9	8 12.9
25	7 5.6	7 10.9	7 16.6	7 22.6	7 29.0	7 35.8	7 43.1	7 51.1	7 59.8	8 9.3	8 19.9
26	7 8.5	7 14.2	7 20.1	7 26.4	7 33.2	7 40.4	7 48.1	7 56.5	8 5.7	8 15.8	8 27.1
27	7 11.6	7 17.5	7 23.8	7 30.4	7 37.5	7 45.0	7 53.2	8 2.1	8 11.8	8 22.6	8 34.7
28	7 14.7	7 20.9	7 27.5	7 34.4	7 41.9	7 49.9	7 58.5	8 7.9	8 18.2	8 29.7	8 42.6
29	7 17.9	7 24.4	7 31.3	7 38.6	7 46.4	7 54.8	8 3.9	8 13.9	8 24.8	8 37.1	8 51.0
+30	7 21.2	7 28.0	7 35.2	7 42.9	7 51.1	7 59.9	8 9.5	8 20.1	8 31.7	8 44.8	8 59.7

δ \ φ	+50°	+51°	+52°	+53°	+54°	+55°	+56°	+57°	+58°	+59°	+60°
°	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m
−30	3 11.8	3 4.1	2 55.8	2 46.8	2 36.9	2 25.9	2 13.5	1 59.3	1 42.4	1 21.1	0 49.7
29	3 20.1	3 12.9	3 5.3	2 57.0	2 48.0	2 38.1	2 27.1	2 14.7	2 0.4	1 43.4	1 21.9
28	3 28.0	3 21.3	3 14.2	3 6.6	2 58.3	2 49.3	2 39.4	2 28.4	2 15.9	2 1.6	1 44.5
27	3 35.5	3 29.3	3 22.7	3 15.7	3 8.0	2 59.8	2 50.8	2 40.8	2 29.8	2 17.3	2 2.9
26	3 42.8	3 37.0	3 30.8	3 24.2	3 17.2	3 9.6	3 1.4	2 52.4	2 42.4	2 31.3	2 18.8
25	3 49.7	3 44.3	3 38.6	3 32.4	3 25.9	3 18.9	3 11.3	3 3.1	2 54.1	2 44.1	2 33.0
24	3 56.5	3 51.4	3 46.0	3 40.3	3 34.3	3 27.8	3 20.8	3 13.2	3 5.0	2 56.0	2 46.0
23	4 3.0	3 58.2	3 53.2	3 47.9	3 42.3	3 36.2	3 29.8	3 22.8	3 15.3	3 7.1	2 58.0
22	4 9.3	4 4.9	4 0.2	3 55.2	3 50.0	3 44.3	3 38.4	3 31.9	3 25.0	3 17.5	3 9.3
21	4 15.4	4 11.3	4 6.9	4 2.3	3 57.4	3 52.2	3 46.6	3 40.7	3 34.3	3 27.4	3 19.9
−20	4 21.4	4 17.5	4 13.5	4 9.1	4 4.6	3 59.8	3 54.6	3 49.1	3 43.2	3 36.9	3 30.0
19	4 27.3	4 23.7	4 19.9	4 15.8	4 11.6	4 7.1	4 2.3	3 57.2	3 51.8	3 45.9	3 39.6
18	4 33.0	4 29.6	4 26.1	4 22.3	4 18.4	4 14.2	4 9.8	4 5.1	4 0.1	3 54.7	3 48.9
17	4 38.6	4 35.4	4 32.1	4 28.7	4 25.0	4 21.1	4 17.0	4 12.7	4 8.1	4 3.1	3 57.8
16	4 44.1	4 41.2	4 38.1	4 34.9	4 31.5	4 27.9	4 24.1	4 20.1	4 15.9	4 11.3	4 6.4
15	4 49.5	4 46.8	4 43.9	4 41.0	4 37.8	4 34.5	4 31.0	4 27.4	4 23.4	4 19.3	4 14.8
14	4 54.8	4 52.3	4 49.7	4 46.9	4 44.1	4 41.0	4 37.8	4 34.4	4 30.8	4 27.0	4 22.9
13	5 0.0	4 57.7	4 55.3	4 52.8	4 50.2	4 47.4	4 44.5	4 41.4	4 38.1	4 34.6	4 30.9
12	5 5.1	5 3.0	5 0.9	4 58.6	4 56.2	4 53.7	4 51.0	4 48.2	4 45.2	4 42.0	4 38.7
11	5 10.2	5 8.3	5 6.4	5 4.3	5 2.1	4 59.8	4 57.4	4 54.9	4 52.2	4 49.3	4 46.3
−10	5 15.2	5 13.5	5 11.8	5 9.9	5 7.9	5 5.9	5 3.7	5 1.5	4 59.1	4 56.5	4 53.8
9	5 20.2	5 18.7	5 17.1	5 15.5	5 13.7	5 11.9	5 10.0	5 8.0	5 5.8	5 3.6	5 1.2
8	5 25.1	5 23.8	5 22.4	5 21.0	5 19.5	5 17.9	5 16.2	5 14.4	5 12.5	5 10.6	5 8.5
7	5 30.0	5 28.9	5 27.7	5 26.4	5 25.1	5 23.8	5 22.3	5 20.8	5 19.2	5 17.5	5 15.7
6	5 34.9	5 33.9	5 32.9	5 31.8	5 30.7	5 29.6	5 28.4	5 27.1	5 25.7	5 24.3	5 22.8
5	5 39.7	5 38.9	5 38.1	5 37.2	5 36.3	5 35.4	5 34.4	5 33.4	5 32.2	5 31.1	5 29.9
4	5 44.5	5 43.9	5 43.3	5 42.6	5 41.9	5 41.2	5 40.4	5 39.6	5 38.7	5 37.8	5 36.9
3	5 49.3	5 48.9	5 48.4	5 47.9	5 47.4	5 46.9	5 46.3	5 45.8	5 45.2	5 44.5	5 43.8
2	5 54.1	5 53.8	5 53.5	5 53.3	5 52.9	5 52.6	5 52.3	5 52.0	5 51.6	5 51.2	5 50.8
− 1	5 58.9	5 58.8	5 58.7	5 58.6	5 58.4	5 58.3	5 58.2	5 58.1	5 58.0	5 57.9	5 57.7
0	6 3.6	6 3.7	6 3.8	6 3.9	6 4.0	6 4.1	6 4.2	6 4.3	6 4.4	6 4.5	6 4.7
+ 1	6 8.4	6 8.6	6 8.9	6 9.2	6 9.5	6 9.8	6 10.1	6 10.4	6 10.8	6 11.2	6 11.6
2	6 13.2	6 13.6	6 14.0	6 14.5	6 15.0	6 15.5	6 16.0	6 16.6	6 17.2	6 17.8	6 18.5
3	6 18.0	6 18.6	6 19.2	6 19.8	6 20.5	6 21.2	6 22.0	6 22.8	6 23.6	6 24.6	6 25.5
4	6 22.8	6 23.5	6 24.4	6 25.2	6 26.1	6 27.0	6 28.0	6 29.0	6 30.1	6 31.3	6 32.5
5	6 27.6	6 28.6	6 29.6	6 30.6	6 31.7	6 32.8	6 34.0	6 35.3	6 36.6	6 38.1	6 39.6
6	6 32.5	6 33.6	6 34.8	6 36.0	6 37.3	6 38.7	6 40.1	6 41.6	6 43.2	6 44.9	6 46.7
7	6 37.4	6 38.7	6 40.0	6 41.5	6 43.0	6 44.6	6 46.2	6 48.0	6 49.8	6 51.8	6 53.9
8	6 42.3	6 43.8	6 45.3	6 47.0	6 48.7	6 50.5	6 52.4	6 54.4	6 56.5	6 58.8	7 1.2
9	6 47.3	6 48.9	6 50.7	6 52.6	6 54.5	6 56.5	6 58.7	7 0.9	7 3.3	7 5.9	7 8.6
10	6 52.3	6 54.2	6 56.1	6 58.2	7 0.3	7 2.6	7 5.0	7 7.5	7 10.2	7 13.1	7 16.2
+11	6 57.4	6 59.4	7 1.6	7 3.9	7 6.3	7 8.8	7 11.4	7 14.2	7 17.2	7 20.4	7 23.8
12	7 2.5	7 4.8	7 7.2	7 9.7	7 12.3	7 15.1	7 18.0	7 21.1	7 24.3	7 27.8	7 31.5
13	7 7.8	7 10.2	7 12.8	7 15.5	7 18.4	7 21.4	7 24.6	7 28.0	7 31.6	7 35.4	7 39.5
14	7 13.1	7 15.7	7 18.6	7 21.5	7 24.6	7 27.9	7 31.4	7 35.1	7 39.0	7 43.2	7 47.7
15	7 18.5	7 21.4	7 24.4	7 27.6	7 31.0	7 34.6	7 38.3	7 42.4	7 46.6	7 51.2	7 56.1
16	7 23.9	7 27.1	7 30.4	7 33.8	7 37.5	7 41.4	7 45.4	7 49.8	7 54.4	7 59.4	8 4.7
17	7 29.5	7 32.9	7 36.5	7 40.2	7 44.1	7 48.3	7 52.7	7 57.4	8 2.5	8 7.9	8 13.7
18	7 35.3	7 38.9	7 42.7	7 46.7	7 50.9	7 55.4	8 0.2	8 5.3	8 10.8	8 16.6	8 23.0
19	7 41.1	7 45.0	7 49.1	7 53.4	7 57.9	8 2.8	8 7.9	8 13.4	8 19.4	8 25.7	8 32.6
20	7 47.1	7 51.3	7 55.6	8 0.3	8 5.2	8 10.4	8 15.9	8 21.9	8 28.3	8 35.2	8 42.8
+21	7 53.3	7 57.7	8 2.4	8 7.3	8 12.6	8 18.2	8 24.2	8 30.7	8 37.6	8 45.2	8 53.5
22	7 59.6	8 4.3	8 9.4	8 14.7	8 20.3	8 26.4	8 32.8	8 39.8	8 47.4	8 55.7	9 4.8
23	8 6.1	8 11.2	8 16.6	8 22.3	8 28.3	8 34.9	8 41.9	8 49.5	8 57.7	9 6.8	9 16.9
24	8 12.9	8 18.3	8 24.0	8 30.2	8 36.7	8 43.8	8 51.4	8 59.6	9 8.7	9 18.8	9 30.0
25	8 19.9	8 25.7	8 31.8	8 38.4	8 45.5	8 53.1	9 1.4	9 10.5	9 20.5	9 31.7	9 44.4
26	8 27.1	8 33.4	8 40.0	8 47.0	8 54.7	9 3.0	9 12.1	9 22.1	9 33.2	9 45.9	10 0.6
27	8 34.7	8 41.4	8 48.5	8 56.1	9 4.4	9 13.5	9 23.5	9 34.6	9 47.3	10 1.9	10 19.5
28	8 42.6	8 49.8	8 57.5	9 5.8	9 14.8	9 24.8	9 35.9	9 48.5	10 3.1	10 20.5	10 42.9
29	8 51.0	8 58.7	9 7.0	9 16.1	9 26.0	9 37.1	9 49.6	10 4.1	10 21.5	10 43.7	11 18.1
+30	8 59.7	9 8.1	9 17.2	9 27.1	9 38.2	9 50.7	10 5.1	10 22.3	10 44.4	11 18.5	—

Reduktionstafel

für Auf- und Untergang der Sonne

Das Vorzeichen der Tafel gilt für den Aufgang, das entgegengesetzte Vorzeichen für den Untergang

12^h Welt-Zeit	Geographische Breite φ										
	+30°	+32°	+34°	+36°	+38°	+40°	+42°	+44°	+46°	+48°	+50°
1927											
Jan. 1	$-62^m.8$	$-58^m.1$	$-53^m.2$	$-48^m.1$	$-42^m.7$	$-36^m.8$	$-30^m.5$	$-23^m.8$	$-16^m.5$	$-8^m.7$	$0^m.0$
11	−58.8	−54.3	−49.8	−44.8	−39.8	−34.3	−28.5	−22.2	−15.4	−8.0	0.0
21	−52.6	−48.5	−44.4	−40.0	−35.5	−30.6	−25.3	−19.8	−13.8	−7.1	0.0
31	−44.8	−41.4	−37.8	−34.0	−30.1	−26.0	−21.4	−16.7	−11.7	−6.0	0.0
Febr. 10	−36.0	−33.3	−30.4	−27.3	−24.2	−20.8	−17.2	−13.3	− 9.3	−4.8	0.0
20	−26.7	−24.7	−22.5	−20.3	−17.9	−15.4	−12.7	− 9.8	− 6.8	−3.5	0.0
März 2	−17.1	−15.8	−14.4	−13.0	−11.4	− 9.8	− 8.1	− 6.2	− 4.3	−2.2	0.0
12	− 7.4	− 6.9	− 6.3	− 5.7	− 4.9	− 4.2	− 3.5	− 2.7	− 1.9	−0.9	0.0
22	+ 2.3	+ 2.1	+ 1.9	+ 1.8	+ 1.6	+ 1.4	+ 1.1	+ 0.9	+ 0.6	+0.3	0.0
April 1	+11.9	+11.0	+10.0	+ 9.1	+ 8.1	+ 6.9	+ 5.7	+ 4.5	+ 3.1	+1.6	0.0
11	+21.6	+19.9	+18.2	+16.4	+14.5	+12.4	+10.2	+ 8.1	+ 5.5	+2.9	0.0
21	+31.1	+28.6	+26.2	+23.6	+20.8	+17.9	+14.8	+11.6	+ 8.0	+4.2	0.0
Mai 1	+40.2	+37.1	+33.9	+30.7	+27.1	+23.3	+19.4	+15.1	+10.5	+5.5	0.0
11	+48.8	+45.1	+41.3	+37.3	+33.1	+28.4	+23.7	+18.4	+12.8	+6.7	0.0
21	+56.5	+52.4	+47.9	+43.2	+38.4	+33.1	+27.5	+21.5	+14.9	+7.8	0.0
31	+62.7	+58.2	+53.3	+48.2	+42.8	+36.9	+30.7	+24.0	+16.8	+8.8	0.0
Juni 10	+67.0	+62.1	+57.0	+51.5	+45.7	+39.5	+32.9	+25.9	+18.0	+9.5	0.0
20	+68.8	+63.8	+58.6	+52.9	+47.0	+40.7	+33.9	+26.6	+18.5	+9.8	0.0
30	+68.0	+63.0	+57.9	+52.3	+46.4	+40.1	+33.4	+26.2	+18.2	+9.6	0.0
Juli 10	+64.7	+59.8	+54.9	+49.6	+44.1	+38.1	+31.7	+24.9	+17.2	+9.1	0.0
20	+59.1	+54.7	+50.2	+45.3	+40.3	+34.7	+28.8	+22.6	+15.7	+8.2	0.0
30	+52.0	+48.1	+44.1	+39.7	+35.3	+30.4	+25.2	+19.7	+13.7	+7.1	0.0
Aug. 9	+43.8	+40.5	+37.1	+33.3	+29.6	+25.5	+21.1	+16.5	+11.5	+5.9	0.0
19	+34.9	+32.3	+29.5	+26.5	+23.5	+20.3	+16.9	+13.0	+ 9.1	+4.7	0.0
29	+25.6	+23.7	+21.7	+19.6	+17.2	+14.9	+12.4	+ 9.5	+ 6.7	+3.4	0.0
Sept. 8	+16.2	+14.9	+13.7	+12.4	+10.9	+ 9.4	+ 7.8	+ 6.0	+ 4.2	+2.1	0.0
18	+ 6.7	+ 6.1	+ 5.6	+ 5.1	+ 4.5	+ 3.9	+ 3.2	+ 2.5	+ 1.8	+0.9	0.0
28	− 3.0	− 2.7	− 2.4	− 2.1	− 1.9	− 1.6	− 1.3	− 1.0	− 0.7	−0.4	0.0
Okt. 8	−12.6	−11.5	−10.4	− 9.4	− 8.3	− 7.1	− 5.8	− 4.6	− 3.1	−1.6	0.0
18	−22.1	−20.3	−18.5	−16.7	−14.7	−12.6	−10.3	− 8.1	− 5.5	−2.9	0.0
28	−31.4	−28.9	−26.4	−23.8	−21.0	−18.0	−14.8	−11.6	− 8.0	−4.2	0.0
Nov. 7	−40.3	−37.2	−34.1	−30.7	−27.1	−23.2	−19.2	−15.0	−10.3	−5.5	0.0
17	−48.6	−44.9	−41.1	−37.1	−32.7	−28.1	−23.4	−18.2	−12.6	−6.7	0.0
27	−55.7	−51.5	−47.1	−42.5	−37.7	−32.4	−27.0	−21.0	−14.6	−7.7	0.0
Dez. 7	−61.0	−56.4	−51.6	−46.6	−41.3	−35.6	−29.6	−23.1	−16.1	−8.5	0.0
17	−63.9	−59.1	−54.1	−48.9	−43.3	−37.4	−31.1	−24.3	−16.9	−8.9	0.0
27	−63.9	−59.1	−54.1	−48.9	−43.3	−37.4	−31.1	−24.3	−16.9	−8.9	0.0
37	−61.2	−56.6	−51.8	−46.8	−41.5	−35.8	−29.8	−23.3	−16.1	−8.4	0.0

Reduktionstafel

für Auf- und Untergang der Sonne

Das Vorzeichen der Tafel gilt für den Aufgang, das entgegengesetzte Vorzeichen für den Untergang

12^h Welt-Zeit	Geographische Breite φ										
	+50°	+51°	+52°	+53°	+54°	+55°	+56°	+57°	+58°	+59°	+60°
1927	m	m	m	m	m	m	m	m	m	m	m
Jan. 1	0.0	+4.7	+ 9.6	+14.8	+20.5	+26.4	+32.9	+39.7	+47.1	+55.2	+64.0
11	0.0	+4.4	+ 8.9	+13.8	+18.9	+24.5	+30.3	+36.5	+43.3	+50.6	+58.6
21	0.0	+3.8	+ 7.9	+12.2	+16.7	+21.4	+26.5	+32.0	+37.7	+44.0	+50.7
31	0.0	+3.2	+ 6.6	+10.2	+13.9	+17.9	+22.2	+26.6	+31.3	+36.5	+41.9
Febr. 10	0.0	+2.5	+ 5.2	+ 8.1	+11.0	+14.2	+17.5	+20.9	+24.6	+28.6	+32.8
20	0.0	+1.8	+ 3.8	+ 5.9	+ 8.0	+10.3	+12.8	+15.2	+17.9	+20.8	+23.7
März 2	0.0	+1.2	+ 2.4	+ 3.8	+ 5.1	+ 6.5	+ 8.1	+ 9.6	+11.3	+13.1	+14.8
12	0.0	+0.5	+ 1.0	+ 1.6	+ 2.2	+ 2.8	+ 3.5	+ 4.1	+ 4.7	+ 5.6	+ 6.3
22	0.0	−0.2	− 0.4	− 0.5	− 0.7	− 1.0	− 1.2	− 1.4	− 1.7	− 1.9	− 2.3
April 1	0.0	−0.9	− 1.8	− 2.6	− 3.7	− 4.7	− 5.8	− 7.0	− 8.2	− 9.5	−10.8
11	0.0	−1.5	− 3.2	− 4.8	− 6.7	− 8.5	−10.4	−12.6	−14.8	−17.1	−19.6
21	0.0	−2.2	− 4.6	− 7.0	− 9.7	−12.4	−15.2	−18.3	−21.6	−24.9	−28.7
Mai 1	0.0	−3.0	− 6.1	− 9.2	−12.7	−16.3	−20.0	−24.1	−28.4	−32.9	−37.9
11	0.0	−3.6	− 7.4	−11.3	−15.6	−20.1	−24.7	−29.9	−35.4	−41.1	−47.4
21	0.0	−4.2	− 8.7	−13.3	−18.3	−23.7	−29.3	−35.5	−42.1	−49.1	−56.9
31	0.0	−4.7	− 9.8	−15.2	−20.7	−26.9	−33.4	−40.5	−48.0	−56.3	−65.4
Juni 10	0.0	−5.1	−10.6	−16.4	−22.6	−29.1	−36.2	−44.0	−52.4	−61.7	−72.0
20	0.0	−5.3	−10.9	−16.9	−23.3	−30.2	−37.5	−45.6	−54.4	−64.0	−75.1
30	0.0	−5.2	−10.7	−16.6	−22.9	−29.6	−36.9	−44.9	−53.5	−62.9	−73.7
Juli 10	0.0	−4.9	−10.1	−15.6	−21.6	−27.9	−34.6	−41.9	−49.9	−58.7	−68.3
20	0.0	−4.4	− 9.1	−14.1	−19.4	−25.0	−31.0	−37.5	−44.5	−52.1	−60.4
30	0.0	−3.8	− 7.9	−12.2	−16.7	−21.5	−26.7	−32.2	−38.0	−44.4	−51.2
Aug. 9	0.0	−3.2	− 6.5	−10.1	−13.9	−17.8	−22.1	−26.5	−31.2	−36.3	−41.7
19	0.0	−2.5	− 5.1	− 7.9	−10.9	−13.9	−17.3	−20.7	−24.4	−28.3	−32.5
29	0.0	−1.8	− 3.7	− 5.8	− 7.9	−10.1	−12.5	−15.0	−17.6	−20.5	−23.4
Sept. 8	0.0	−1.2	− 2.3	− 3.7	− 5.0	− 6.3	− 7.9	− 9.4	−11.0	−12.9	−14.7
18	0.0	−0.5	− 0.9	− 1.6	− 2.1	− 2.6	− 3.3	− 3.9	− 4.6	− 5.4	− 6.1
28	0.0	+0.2	+ 0.5	+ 0.5	+ 0.8	+ 1.1	+ 1.2	+ 1.5	+ 1.8	+ 2.0	+ 2.3
Okt. 8	0.0	+0.9	+ 1.8	+ 2.7	+ 3.7	+ 4.8	+ 5.8	+ 6.9	+ 8.2	+ 9.4	+10.7
18	0.0	+1.6	+ 3.2	+ 4.8	+ 6.6	+ 8.5	+10.3	+12.4	+14.7	+16.9	+19.4
28	0.0	+2.2	+ 4.6	+ 6.9	+ 9.5	+12.3	+15.0	+18.0	+21.3	+24.5	+28.2
Nov. 7	0.0	+2.9	+ 6.0	+ 9.0	+12.5	+16.0	+19.7	+23.6	+27.9	+32.3	+37.3
17	0.0	+3.6	+ 7.3	+11.1	+15.3	+19.6	+24.3	+29.2	+34.5	+40.0	+46.2
27	0.0	+4.1	+ 8.4	+13.0	+17.8	+22.9	+28.4	+34.2	+40.5	+47.3	+54.6
Dez. 7	0.0	+4.6	+ 9.3	+14.5	+19.8	+25.5	+31.7	+38.2	+45.4	+53.0	+61.4
17	0.0	+4.8	+ 9.8	+15.2	+20.9	+27.0	+33.5	+40.5	+48.2	+56.3	+65.5
27	0.0	+4.8	+ 9.8	+15.2	+20.9	+27.0	+33.5	+40.5	+48.2	+56.5	+65.7
37	0.0	+4.6	+ 9.3	+14.4	+19.9	+25.7	+31.9	+38.4	+45.5	+53.4	+61.8

Reduktionstafel

für Auf- und Untergang des Mondes

Das Vorzeichen der Tafel gilt für den Aufgang, das entgegengesetzte Vorzeichen für den Untergang

t*)	Geographische Breite φ										
	+30°	+32°	+34°	+36°	+38°	+40°	+42°	+44°	+46°	+48°	+50°
h m	m	m	m	m	m	m	m	m	m	m	m
3 20	−94.6	−87.9	−80.9	−73.4	−65.5	−56.9	−47.6	−37.5	−26.4	−14.0	0.0
3 30	−88.5	−82.2	−75.6	−68.5	−61.0	−52.9	−44.2	−34.8	−24.4	−12.9	0.0
3 40	−82.5	−76.5	−70.3	−63.7	−56.6	−49.1	−41.0	−32.2	−22.5	−11.9	0.0
3 50	−76.6	−71.0	−65.2	−59.0	−52.4	−45.3	−37.8	−29.6	−20.7	−10.9	0.0
4 0	−70.8	−65.6	−60.1	−54.4	−48.2	−41.7	−34.7	−27.2	−18.9	− 9.9	0.0
4 10	−65.1	−60.3	−55.2	−49.9	−44.2	−38.2	−31.7	−24.8	−17.3	− 9.0	0.0
4 20	−59.5	−55.0	−50.3	−45.5	−40.3	−34.8	−28.9	−22.5	−15.7	− 8.2	0.0
4 30	−54.0	−49.9	−45.6	−41.2	−36.5	−31.4	−26.1	−20.4	−14.1	− 7.4	0.0
4 40	−48.4	−44.8	−40.9	−36.9	−32.7	−28.2	−23.3	−18.2	−12.6	− 6.6	0.0
4 50	−43.0	−39.8	−36.4	−32.7	−29.0	−24.9	−20.7	−16.1	−11.2	− 5.8	0.0
5 0	−37.7	−34.8	−31.8	−28.6	−25.3	−21.8	−18.1	−14.1	− 9.8	− 5.0	0.0
5 10	−32.4	−29.9	−27.3	−24.6	−21.7	−18.7	−15.5	−12.1	− 8.4	− 4.3	0.0
5 20	−27.1	−25.0	−22.8	−20.6	−18.2	−15.6	−12.9	−10.1	− 7.0	− 3.6	0.0
5 30	−21.9	−20.2	−18.4	−16.6	−14.7	−12.6	−10.4	− 8.1	− 5.6	− 2.9	0.0
5 40	−16.7	−15.4	−14.0	−12.6	−11.2	− 9.6	− 7.9	− 6.2	− 4.3	− 2.2	0.0
5 50	−11.5	−10.6	− 9.7	− 8.7	− 7.7	− 6.6	− 5.5	− 4.2	− 2.9	− 1.5	0.0
6 0	− 6.4	− 5.8	− 5.4	− 4.8	− 4.2	− 3.6	− 3.0	− 2.3	− 1.6	− 0.9	0.0
6 10	− 1.2	− 1.1	− 1.0	− 0.9	− 0.8	− 0.7	− 0.6	− 0.4	− 0.3	− 0.2	0.0
6 20	+ 4.0	+ 3.7	+ 3.4	+ 3.0	+ 2.6	+ 2.3	+ 1.9	+ 1.5	+ 1.0	+ 0.5	0.0
6 30	+ 9.1	+ 8.4	+ 7.7	+ 6.9	+ 6.1	+ 5.3	+ 4.4	+ 3.4	+ 2.4	+ 1.2	0.0
6 40	+14.3	+13.2	+12.0	+10.8	+ 9.6	+ 8.2	+ 6.8	+ 5.3	+ 3.7	+ 1.9	0.0
6 50	+19.5	+18.0	+16.4	+14.8	+13.1	+11.2	+ 9.3	+ 7.2	+ 5.0	+ 2.6	0.0
7 0	+24.7	+22.8	+20.9	+18.8	+16.6	+14.2	+11.8	+ 9.1	+ 6.3	+ 3.3	0.0
7 10	+30.0	+27.7	+25.3	+22.8	+20.1	+17.3	+14.3	+11.1	+ 7.7	+ 4.0	0.0
7 20	+35.3	+32.6	+29.7	+26.8	+23.7	+20.3	+16.8	+13.1	+ 9.1	+ 4.7	0.0
7 30	+40.6	+37.5	+34.3	+30.9	+27.3	+23.4	+19.4	+15.1	+10.5	+ 5.5	0.0
7 40	+45.9	+42.5	+38.9	+35.0	+31.0	+26.6	+22.1	+17.2	+12.0	+ 6.2	0.0
7 50	+51.4	+47.6	+43.5	+39.2	+34.7	+29.9	+24.8	+19.3	+13.5	+ 7.0	0.0
8 0	+56.9	+52.7	+48.2	+43.5	+38.5	+33.2	+27.6	+21.5	+15.0	+ 7.8	0.0
8 10	+62.5	+57.9	+53.0	+47.9	+42.4	+36.6	+30.4	+23.8	+16.6	+ 8.6	0.0
8 20	+68.2	+63.2	+57.9	+52.3	+46.4	+40.1	+33.3	+26.1	+18.2	+ 9.5	0.0
8 30	+74.0	+68.5	+62.9	+56.9	+50.5	+43.7	+36.4	+28.5	+19.8	+10.5	0.0
8 40	+79.8	+74.0	+67.9	+61.5	+54.7	+47.3	+39.5	+30.9	+21.6	+11.4	0.0
8 50	+85.8	+79.6	+73.1	+66.3	+59.0	+51.1	+42.7	+33.5	+23.5	+12.5	0.0
9 0	+91.9	+85.3	+78.4	+71.2	+63.4	+55.0	+46.0	+36.3	+25.5	+13.5	0.0

*) *t* ist beim Aufgange der Zeitunterschied zwischen Aufgang und Kulmination, beim Untergange der Zeitunterschied zwischen Kulmination und Untergang

Reduktionstafel
für Auf- und Untergang des Mondes

Das Vorzeichen der Tafel gilt für den Aufgang, das entgegengesetzte Vorzeichen für den Untergang

t*)	Geographische Breite φ										
	+50°	+51°	+52°	+53°	+54°	+55°	+56°	+57°	+58°	+59°	+60°
h m	m	m	m	m	m	m	m	m	m	m	m
3 20	0.0	+7.7	+16.1	+25.2	+35.1	+46.1	+58.4	+72.5	+89.1	+109.7	+138.1
3 30	0.0	+7.1	+14.7	+22.9	+31.8	+41.6	+52.4	+64.5	+78.3	+ 94.5	+114.3
3 40	0.0	+6.5	+13.4	+20.9	+28.9	+37.6	+47.2	+57.7	+69.4	+ 82.7	+ 98.2
3 50	0.0	+5.9	+12.2	+19.0	+26.2	+34.0	+42.5	+51.7	+61.9	+ 73.3	+ 86.1
4 0	0.0	+5.4	+11.1	+17.2	+23.7	+30.8	+38.2	+46.3	+55.2	+ 65.0	+ 76.0
4 10	0.0	+4.9	+10.1	+15.6	+21.4	+27.7	+34.4	+41.6	+49.4	+ 57.9	+ 67.3
4 20	0.0	+4.5	+ 9.1	+14.0	+19.2	+24.8	+30.8	+37.2	+44.0	+ 51.5	+ 59.6
4 30	0.0	+4.0	+ 8.1	+12.5	+17.2	+22.2	+27.5	+33.1	+39.1	+ 45.7	+ 52.7
4 40	0.0	+3.5	+ 7.3	+11.2	+15.3	+19.7	+24.3	+29.3	+34.5	+ 40.2	+ 46.3
4 50	0.0	+3.1	+ 6.4	+ 9.8	+13.4	+17.3	+21.4	+25.6	+30.2	+ 35.1	+ 40.4
5 0	0.0	+2.7	+ 5.5	+ 8.5	+11.6	+15.0	+18.5	+22.2	+26.1	+ 30.3	+ 34.8
5 10	0.0	+2.3	+ 4.7	+ 7.2	+10.0	+12.8	+15.7	+18.9	+22.2	+ 25.7	+ 29.5
5 20	0.0	+2.0	+ 3.9	+ 6.0	+ 8.3	+10.7	+13.1	+15.7	+18.4	+ 21.3	+ 24.4
5 30	0.0	+1.6	+ 3.2	+ 4.8	+ 6.7	+ 8.5	+10.5	+12.6	+14.8	+ 17.1	+ 19.6
5 40	0.0	+1.2	+ 2.4	+ 3.7	+ 5.0	+ 6.5	+ 7.9	+ 9.5	+11.2	+ 13.0	+ 14.8
5 50	0.0	+0.8	+ 1.7	+ 2.6	+ 3.4	+ 4.4	+ 5.5	+ 6.5	+ 7.7	+ 8.9	+ 10.2
6 0	0.0	+0.5	+ 0.9	+ 1.4	+ 1.9	+ 2.4	+ 3.0	+ 3.6	+ 4.2	+ 4.9	+ 5.6
6 10	0.0	+0.1	+ 0.2	+ 0.2	+ 0.4	+ 0.5	+ 0.6	+ 0.7	+ 0.8	+ 0.9	+ 1.1
6 20	0.0	−0.3	− 0.6	− 0.9	− 1.2	− 1.5	− 1.9	− 2.3	− 2.6	− 3.0	− 3.5
6 30	0.0	−0.6	− 1.3	− 2.0	− 2.7	− 3.5	− 4.3	− 5.2	− 6.0	− 7.0	− 8.0
6 40	0.0	−1.0	− 2.1	− 3.1	− 4.3	− 5.5	− 6.8	− 8.1	− 9.5	− 11.0	− 12.6
6 50	0.0	−1.3	− 2.9	− 4.3	− 5.9	− 7.5	− 9.4	−11.2	−13.1	− 15.1	− 17.3
7 0	0.0	−1.7	− 3.6	− 5.5	− 7.5	− 9.6	−11.9	−14.2	−16.7	− 19.3	− 22.2
7 10	0.0	−2.1	− 4.4	− 6.7	− 9.2	−11.7	−14.5	−17.4	−20.4	− 23.7	− 27.1
7 20	0.0	−2.5	− 5.1	− 7.9	−10.8	−13.8	−17.1	−20.6	−24.2	− 28.1	− 32.3
7 30	0.0	−2.9	− 6.0	− 9.2	−12.6	−16.1	−19.9	−24.0	−28.2	− 32.8	− 37.7
7 40	0.0	−3.3	− 6.9	−10.6	−14.4	−18.5	−22.9	−27.5	−32.4	− 37.8	− 43.4
7 50	0.0	−3.8	− 7.7	−12.0	−16.3	−21.0	−25.9	−31.3	−36.9	− 43.0	− 49.6
8 0	0.0	−4.2	− 8.7	−13.4	−18.3	−23.7	−29.2	−35.3	−41.7	− 48.7	− 56.3
8 10	0.0	−4.7	− 9.6	−14.9	−20.4	−26.4	−32.6	−39.5	−46.8	− 54.8	− 63.5
8 20	0.0	−5.2	−10.6	−16.4	−22.6	−29.2	−36.3	−44.0	−52.3	− 61.5	− 71.6
8 30	0.0	−5.7	−11.7	−18.1	−25.0	−32.4	−40.4	−49.1	−58.6	− 69.1	− 81.0
8 40	0.0	−6.3	−12.9	−19.9	−27.6	−35.8	−44.9	−54.9	−65.7	− 77.9	− 92.1
8 50	0.0	−6.8	−14.1	−21.9	−30.5	−39.7	−49.8	−61.2	−73.8	− 88.5	−106.1
9 0	0.0	−7.4	−15.4	−24.1	−33.7	−44.1	−55.3	−68.4	−83.6	−101.4	−125.9

*) *t* ist beim Aufgange der Zeitunterschied zwischen Aufgang und Kulmination, beim Untergange der Zeitunterschied zwischen Kulmination und Untergang

Julianische Periode

I. Anzahl der am 0. Januar, 12^h Welt-Zeit, seit Anfang der Periode verflossenen Tage

Jahr n. Chr.	0	100	200	300	400	500	600	700	800	900
	17	17	17	18	18	19	19	19	20	20
0	21057	57582	94107	30632	67157	03682	40207	76732	13257	49782
4	22518	59043	95568	32093	68618	05143	41668	78193	14718	51243
8	23979	60504	97029	33554	70079	06604	43129	79654	16179	52704
12	25440	61965	98490	35015	71540	08065	44590	81115	17640	54165
16	26901	63426	99951	36476	73001	09526	46051	82576	19101	55626
20	28362	64887	01412	37937	74462	10987	47512	84037	20562	57087
24	29823	66348	02873	39398	75923	12448	48973	85498	22023	58548
28	31284	67809	04334	40859	77384	13909	50434	86959	23484	60009
32	32745	69270	05795	42320	78845	15370	51895	88420	24945	61470
36	34206	70731	07256	43781	80306	16831	53356	89881	26406	62931
40	35667	72192	08717	45242	81767	18292	54817	91342	27867	64392
44	37128	73653	10178	46703	83228	19753	56278	92803	29328	65853
48	38589	75114	11639	48164	84689	21214	57739	94264	30789	67314
52	40050	76575	13100	49625	86150	22675	59200	95725	32250	68775
56	41511	78036	14561	51086	87611	24136	60661	97186	33711	70236
60	42972	79497	16022	52547	89072	25597	62122	98647	35172	71697
64	44433	80958	17483	54008	90533	27058	63583	00108	36633	73158
68	45894	82419	18944	55469	91994	28519	65044	01569	38094	74619
72	47355	83880	20405	56930	93455	29980	66505	03030	39555	76080
76	48816	85341	21866	58391	94916	31441	67966	04491	41016	77541
80	50277	86802	23327	59852	96377	32902	69427	05952	42477	79002
84	51738	88263	24788	61313	97838	34363	70888	07413	43938	80463
88	53199	89724	26249	62774	99299	35824	72349	08874	45399	81924
92	54660	91185	27710	64235	00760	37285	73810	10335	46860	83385
96	56121	92646	29171	65696	02221	38746	75271	11796	48321	84846
100	57582	94107	30632	67157	03682	40207	76732	13257	49782	86307
	17	17	18	18	19	19	19	20	20	20

Ia. Anzahl der am 0. jedes Monats, 12^h Welt-Zeit, seit Beginn der Schaltperiode verflossenen Tage

Jahr	Jan. 0	Febr. 0	März 0	April 0	Mai 0	Juni 0	Juli 0	Aug. 0	Sept. 0	Okt. 0	Nov. 0	Dez. 0
0	0	31	60	91	121	152	182	213	244	274	305	335
1	366	397	425	456	486	517	547	578	609	639	670	700
2	731	762	790	821	851	882	912	943	974	1004	1035	1065
3	1096	1127	1155	1186	1216	1247	1277	1308	1339	1369	1400	1430

Julianische Periode

I. Anzahl der am 0. Januar, 12^h Welt-Zeit, seit Anfang der Periode verflossenen Tage

Jahr n. Chr.	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
	20	21	21	21	22	22	23	23	23	24
0	86307	22832	59357	95882	32407	68932	05447	41971[1]	78495[1]	15019[1]
4	87768	24293	60818	97343	33868	70393	06908	43432	79956	16480
8	89229	25754	62279	98804	35329	71854	08369	44893	81417	17941
12	90690	27215	63740	00265	36790	73315	09830	46354	82878	19402
16	92151	28676	65201	01726	38251	74776	11291	47815	84339	20863
20	93612	30137	66662	03187	39712	76237	12752	49276	85800	22324
24	95073	31598	68123	04648	41173	77698	14213	50737	87261	23785
28	96534	33059	69584	06109	42634	79159	15674	52198	88722	25246
32	97995	34520	71045	07570	44095	80620	17135	53659	90183	26707
36	99456	35981	72506	09031	45556	82081	18596	55120	91644	28168
40	00917	37442	73967	10492	47017	83542	20057	56581	93105	29629
44	02378	38903	75428	11953	48478	85003	21518	58042	94566	31090
48	03839	40364	76889	13414	49939	86464	22979	59503	96027	32551
52	05300	41825	78350	14875	51400	87925	24440	60964	97488	34012
56	06761	43286	79811	16336	52861	89386	25901	62425	98949	35473
60	08222	44747	81272	17797	54322	90847	27362	63886	00410	36934
64	09683	46208	82733	19258	55783	92308	28823	65347	01871	38395
68	11144	47669	84194	20719	57244	93769	30284	66808	03332	39856
72	12605	49130	85655	22180	58705	95230	31745	68269	04793	41317
76	14066	50591	87116	23641	60166	96691	33206	69730	06254	42778
80	15527	52052	88577	25102	61627	98152	34667	71191	07715	44239
84	16988	53513	90038	26563	63088	99603	36128	72652	09176	45700
88	18449	54974	91499	28024	64549	01064	37589	74113	10637	47161
92	19910	56435	92960	29485	66010	02525	39050	75574	12098	48622
96	21371	57896	94421	30946	67471	03986	40511	77035	13559	50083
100	22832	59357	95882	32407	68932	05447	41971[1]	78495[1]	15019[1]	51544
	21	21	21	22	22	23	23	23	24	24

[1]) Die Zahlen geben die am —1. Jan. seit Anfang der Periode verflossenen Tage

Ia. Anzahl der am 0. jedes Monats, 12^h Welt-Zeit, seit Beginn der Schaltperiode verflossenen Tage

Jahr	Jan. 0	Febr. 0	März 0	April 0	Mai 0	Juni 0	Juli 0	Aug. 0	Sept. 0	Okt. 0	Nov. 0	Dez. 0
0	0[2])	31[2])	60	91	121	152	182	213	244	274	305	335
1	366	397	425	456	486	517	547	578	609	639	670	700
2	731	762	790	821	851	882	912	943	974	1004	1035	1065
3	1096	1127	1155	1186	1216	1247	1277	1308	1339	1369	1400	1430

Von 1582 Okt. 15 bis 1583 Dez. 31 sind die Zahlen der Tafel Ia um 10 zu verkleinern

[2]) In den Jahren 1700, 1800, 1900 um 1 zu vergrößern

Julianische Periode

II. Anzahl der seit Beginn der Periode am 0. jedes Monats, 12^h Welt-Zeit, verflossenen Tage

Jahr n. Chr.	Januar 0		Febr. 0	März 0	April 0	Mai 0	Juni 0	Juli 0	Aug. 0	Sept. 0	Okt. 0	Nov. 0	Dez. 0
1860	2400	410	441	470	501	531	562	592	623	654	684	715	745
1861		776	807	835	866	896	927	957	988	*019	*049	*080	*110
1862	2401	141	172	200	231	261	292	322	353	384	414	445	475
1863		506	537	565	596	626	657	687	718	749	779	810	840
1864		871	902	931	962	992	*023	*053	*084	*115	*145	*176	*206
1865	2402	237	268	296	327	357	388	418	449	480	510	541	571
1866		602	633	661	692	722	753	783	814	845	875	906	936
1867		967	998	*026	*057	*087	*118	*148	*179	*210	*240	*271	*301
1868	2403	332	363	392	423	453	484	514	545	576	606	637	667
1869		698	729	757	788	818	849	879	910	941	971	*002	*032
1870	2404	063	094	122	153	183	214	244	275	306	336	367	397
1871		428	459	487	518	548	579	609	640	671	701	732	762
1872		793	824	853	884	914	945	975	*006	*037	*067	*098	*128
1873	2405	159	190	218	249	279	310	340	371	402	432	463	493
1874		524	555	583	614	644	675	705	736	767	797	828	858
1875		889	920	948	979	*009	*040	*070	*101	*132	*162	*193	*223
1876	2406	254	285	314	345	375	406	436	467	498	528	559	589
1877		620	651	679	710	740	771	801	832	863	893	924	954
1878		985	*016	*044	*075	*105	*136	*166	*197	*228	*258	*289	*319
1879	2407	350	381	409	440	470	501	531	562	593	623	654	684
1880		715	746	775	806	836	867	897	928	959	989	*020	*050
1881	2408	081	112	140	171	201	232	262	293	324	354	385	415
1882		446	477	505	536	566	597	627	658	689	719	750	780
1883		811	842	870	901	931	962	992	*023	*054	*084	*115	*145
1884	2409	176	207	236	267	297	328	358	389	420	450	481	511
1885		542	573	601	632	662	693	723	754	785	815	846	876
1886		907	938	966	997	*027	*058	*088	*119	*150	*180	*211	*241
1887	2410	272	303	331	362	392	423	453	484	515	545	576	606
1888		637	668	697	728	758	789	819	850	881	911	942	972
1889	2411	003	034	062	093	123	154	184	215	246	276	307	337
1890		368	399	427	458	488	519	549	580	611	641	672	702
1891		733	764	792	823	853	884	914	945	976	*006	*037	*067
1892	2412	098	129	158	189	219	250	280	311	342	372	403	433
1893		464	495	523	554	584	615	645	676	707	737	768	798
1894		829	860	888	919	949	980	*010	*041	*072	*102	*133	*163
1895	2413	194	225	253	284	314	345	375	406	437	467	498	528
1896		559	590	619	650	680	711	741	772	803	833	864	894
1897		925	956	984	*015	*045	*076	*106	*137	*168	*198	*229	*259
1898	2414	290	321	349	380	410	441	471	502	533	563	594	624
1899		655	686	714	745	775	806	836	867	898	928	959	989

Julianische Periode

II. Anzahl der seit Beginn der Periode am 0. jedes Monats, 12h Welt-Zeit, verflossenen Tage

Jahr n. Chr.	Januar 0		Febr. 0	März 0	April 0	Mai 0	Juni 0	Juli 0	Aug. 0	Sept. 0	Okt. 0	Nov. 0	Dez. 0
1900	2415	020	051	079	110	140	171	201	232	263	293	324	354
1901		385	416	444	475	505	536	566	597	628	658	689	719
1902		750	781	809	840	870	901	931	962	993	*023	*054	*084
1903	2416	115	146	174	205	235	266	296	327	358	388	419	449
1904		480	511	540	571	601	632	662	693	724	754	785	815
1905		846	877	905	936	966	997	*027	*058	*089	*119	*150	*180
1906	2417	211	242	270	301	331	362	392	423	454	484	515	545
1907		576	607	635	666	696	727	757	788	819	849	880	910
1908		941	972	*001	*032	*062	*093	*123	*154	*185	*215	*246	*276
1909	2418	307	338	366	397	427	458	488	519	550	580	611	641
1910		672	703	731	762	792	823	853	884	915	945	976	*006
1911	2419	037	068	096	127	157	188	218	249	280	310	341	371
1912		402	433	462	493	523	554	584	615	646	676	707	737
1913		768	799	827	858	888	919	949	980	*011	*041	*072	*102
1914	2420	133	164	192	223	253	284	314	345	376	406	437	467
1915		498	529	557	588	618	649	679	710	741	771	802	832
1916		863	894	923	954	984	*015	*045	*076	*107	*137	*168	*198
1917	2421	229	260	288	319	349	380	410	441	472	502	533	563
1918		594	625	653	684	714	745	775	806	837	867	898	928
1919		959	990	*018	*049	*079	*110	*140	*171	*202	*232	*263	*293
1920	2422	324	355	384	415	445	476	506	537	568	598	629	659
1921		690	721	749	780	810	841	871	902	933	963	994	*024
1922	2423	055	086	114	145	175	206	236	267	298	328	359	389
1923		420	451	479	510	540	571	601	632	663	693	724	754
1924		785	816	845	876	906	937	967	998	*029	*059	*090	*120
1925	2424	151	182	210	241	271	302	332	363	394	424	455	485
1926		516	547	575	606	636	667	697	728	759	789	820	850
1927		881	912	940	971	*001	*032	*062	*093	*124	*154	*185	*215
1928	2425	246	277	306	337	367	398	428	459	490	520	551	581
1929		612	643	671	702	732	763	793	824	855	885	916	946
1930		977	*008	*036	*067	*097	*128	*158	*189	*220	*250	*281	*311
1931	2426	342	373	401	432	462	493	523	554	585	615	646	676
1932		707	738	767	798	828	859	889	920	951	981	*012	*042
1933	2427	073	104	132	163	193	224	254	285	316	346	377	407
1934		438	469	497	528	558	589	619	650	681	711	742	772
1935		803	834	862	893	923	954	984	*015	*046	*076	*107	*137
1936	2428	168	199	228	259	289	320	350	381	412	442	473	503
1937		534	565	593	624	654	685	715	746	777	807	838	868
1938		899	930	958	989	*019	*050	*080	*111	*142	*172	*203	*233
1939	2429	264	295	323	354	384	415	445	476	507	537	568	598

Red.	0^m	1^m	2^m	3^m	Red.		Red.	
s	h m s	h m s	h m s	h m s	s	m s	s	m s
0	0 0 0	6 5 15	12 10 29	18 15 44	0.00	0 0	0.50	3 3
1	0 6 5	6 11 20	12 16 34	18 21 49	0.01	0 4	0.51	3 6
2	0 12 10	6 17 25	12 22 40	18 27 54	0.02	0 7	0.52	3 10
3	0 18 16	6 23 30	12 28 45	18 33 59	0.03	0 11	0.53	3 14
4	0 24 21	6 29 36	12 34 50	18 40 5	0.04	0 15	0.54	3 17
5	0 30 26	6 35 41	12 40 55	18 46 10	0.05	0 18	0.55	3 21
6	0 36 31	6 41 46	12 47 1	18 52 15	0.06	0 22	0.56	3 25
7	0 42 37	6 47 51	12 53 6	18 58 20	0.07	0 26	0.57	3 28
8	0 48 42	6 53 56	12 59 11	19 4 26	0.08	0 29	0.58	3 32
9	0 54 47	7 0 2	13 5 16	19 10 31	0.09	0 33	0.59	3 35
10	1 0 52	7 6 7	13 11 21	19 16 36	0.10	0 37	0.60	3 39
11	1 6 58	7 12 12	13 17 27	19 22 41	0.11	0 40	0.61	3 43
12	1 13 3	7 18 17	13 23 32	19 28 47	0.12	0 44	0.62	3 46
13	1 19 8	7 24 23	13 29 37	19 34 52	0.13	0 47	0.63	3 50
14	1 25 13	7 30 28	13 35 42	19 40 57	0.14	0 51	0.64	3 54
15	1 31 19	7 36 33	13 41 48	19 47 2	0.15	0 55	0.65	3 57
16	1 37 24	7 42 38	13 47 53	19 53 7	0.16	0 58	0.66	4 1
17	1 43 29	7 48 44	13 53 58	19 59 13	0.17	1 2	0.67	4 5
18	1 49 34	7 54 49	14 0 3	20 5 18	0.18	1 6	0.68	4 8
19	1 55 40	8 0 54	14 6 9	20 11 23	0.19	1 9	0.69	4 12
20	2 1 45	8 6 59	14 12 14	20 17 28	0.20	1 13	0.70	4 16
21	2 7 50	8 13 5	14 18 19	20 23 34	0.21	1 17	0.71	4 19
22	2 13 55	8 19 10	14 24 24	20 29 39	0.22	1 20	0.72	4 23
23	2 20 1	8 25 15	14 30 30	20 35 44	0.23	1 24	0.73	4 27
24	2 26 6	8 31 20	14 36 35	20 41 49	0.24	1 28	0.74	4 30
25	2 32 11	8 37 26	14 42 40	20 47 55	0.25	1 31	0.75	4 34
26	2 38 16	8 43 31	14 48 45	20 54 0	0.26	1 35	0.76	4 38
27	2 44 22	8 49 36	14 54 51	21 0 5	0.27	1 39	0.77	4 41
28	2 50 27	8 55 41	15 0 56	21 6 10	0.28	1 42	0.78	4 45
29	2 56 32	9 1 47	15 7 1	21 12 16	0.29	1 46	0.79	4 49
30	3 2 37	9 7 52	15 13 6	21 18 21	0.30	1 50	0.80	4 52
31	3 8 43	9 13 57	15 19 12	21 24 26	0.31	1 53	0.81	4 56
32	3 14 48	9 20 2	15 25 17	21 30 31	0.32	1 57	0.82	4 59
33	3 20 53	9 26 8	15 31 22	21 36 37	0.33	2 1	0.83	5 3
34	3 26 58	9 32 13	15 37 27	21 42 42	0.34	2 4	0.84	5 7
35	3 33 3	9 38 18	15 43 33	21 48 47	0.35	2 8	0.85	5 10
36	3 39 9	9 44 23	15 49 38	21 54 52	0.36	2 11	0.86	5 14
37	3 45 14	9 50 28	15 55 43	22 0 58	0.37	2 15	0.87	5 18
38	3 51 19	9 56 34	16 1 48	22 7 3	0.38	2 19	0.88	5 21
39	3 57 24	10 2 39	16 7 54	22 13 8	0.39	2 22	0.89	5 25
40	4 3 30	10 8 44	16 13 59	22 19 13	0.40	2 26	0.90	5 29
41	4 9 35	10 14 49	16 20 4	22 25 19	0.41	2 30	0.91	5 32
42	4 15 40	10 20 55	16 26 9	22 31 24	0.42	2 33	0.92	5 36
43	4 21 45	10 27 0	16 32 14	22 37 29	0.43	2 37	0.93	5 40
44	4 27 51	10 33 5	16 38 20	22 43 34	0.44	2 41	0.94	5 43
45	4 33 56	10 39 10	16 44 25	22 49 39	0.45	2 44	0.95	5 47
46	4 40 1	10 45 16	16 50 30	22 55 45	0.46	2 48	0.96	5 51
47	4 46 6	10 51 21	16 56 35	23 1 50	0.47	2 52	0.97	5 54
48	4 52 12	10 57 26	17 2 41	23 7 55	0.48	2 55	0.98	5 58
49	4 58 17	11 3 31	17 8 46	23 14 0	0.49	2 59	0.99	6 2
50	5 4 22	11 9 37	17 14 51	23 20 6	0.50	3 3	1.00	6 5
51	5 10 27	11 15 42	17 20 56	23 26 11				
52	5 16 33	11 21 47	17 27 2	23 32 16				
53	5 22 38	11 27 52	17 33 7	23 38 21				
54	5 28 43	11 33 58	17 39 12	23 44 27				
55	5 34 48	11 40 3	17 45 17	23 50 32				
56	5 40 54	11 46 8	17 51 23	23 56 37				
57	5 46 59	11 52 13	17 57 28	24 2 42				
58	5 53 4	11 58 19	18 3 33	24 8 48				
59	5 59 9	12 4 24	18 9 38	24 14 53				

Die Reduktion ist zur mittl. Zeit zu addieren

Red.	0^m	1^m	2^m	3^m	Red.		Red.	
s	h m s	h m s	h m s	h m s	s	m s	s	m s
0	0 0 0	6 6 15	12 12 29	18 18 44	0.00	0 0	0.50	3 3
1	0 6 6	6 12 21	12 18 35	18 24 50	0.01	0 4	0.51	3 7
2	0 12 12	6 18 27	12 24 42	18 30 56	0.02	0 7	0.52	3 10
3	0 18 19	6 24 33	12 30 48	18 37 2	0.03	0 11	0.53	3 14
4	0 24 25	6 30 40	12 36 54	18 43 9	0.04	0 15	0.54	3 18
5	0 30 31	6 36 46	12 43 0	18 49 15	0.05	0 18	0.55	3 21
6	0 36 37	6 42 52	12 49 7	18 55 21	0.06	0 22	0.56	3 25
7	0 42 44	6 48 58	12 55 13	19 1 27	0.07	0 26	0.57	3 29
8	0 48 50	6 55 4	13 1 19	19 7 34	0.08	0 29	0.58	3 32
9	0 54 56	7 1 11	13 7 25	19 13 40	0.09	0 33	0.59	3 36
10	1 1 2	7 7 17	13 13 31	19 19 46	0.10	0 37	0.60	3 40
11	1 7 9	7 13 23	13 19 38	19 25 52	0.11	0 40	0.61	3 43
12	1 13 15	7 19 29	13 25 44	19 31 59	0.12	0 44	0.62	3 47
13	1 19 21	7 25 36	13 31 50	19 38 5	0.13	0 48	0.63	3 51
14	1 25 27	7 31 42	13 37 56	19 44 11	0.14	0 51	0.64	3 54
15	1 31 34	7 37 48	13 44 3	19 50 17	0.15	0 55	0.65	3 58
16	1 37 40	7 43 54	13 50 9	19 56 23	0.16	0 59	0.66	4 2
17	1 43 46	7 50 1	13 56 15	20 2 30	0.17	1 2	0.67	4 5
18	1 49 52	7 56 7	14 2 21	20 8 36	0.18	1 6	0.68	4 9
19	1 55 59	8 2 13	14 8 28	20 14 42	0.19	1 10	0.69	4 13
20	2 2 5	8 8 19	14 14 34	20 20 48	0.20	1 13	0.70	4 16
21	2 8 11	8 14 26	14 20 40	20 26 55	0.21	1 17	0.71	4 20
22	2 14 17	8 20 32	14 26 46	20 33 1	0.22	1 21	0.72	4 24
23	2 20 24	8 26 38	14 32 53	20 39 7	0.23	1 24	0.73	4 27
24	2 26 30	8 32 44	14 38 59	20 45 13	0.24	1 28	0.74	4 31
25	2 32 36	8 38 51	14 45 5	20 51 20	0.25	1 32	0.75	4 35
26	2 38 42	8 44 57	14 51 11	20 57 26	0.26	1 35	0.76	4 38
27	2 44 49	8 51 3	14 57 18	21 3 32	0.27	1 39	0.77	4 42
28	2 50 55	8 57 9	15 3 24	21 9 38	0.28	1 43	0.78	4 46
29	2 57 1	9 3 16	15 9 30	21 15 45	0.29	1 46	0.79	4 49
30	3 3 7	9 9 22	15 15 36	21 21 51	0.30	1 50	0.80	4 53
31	3 9 14	9 15 28	15 21 43	21 27 57	0.31	1 54	0.81	4 57
32	3 15 20	9 21 34	15 27 49	21 34 3	0.32	1 57	0.82	5 0
33	3 21 26	9 27 41	15 33 55	21 40 10	0.33	2 1	0.83	5 4
34	3 27 32	9 33 47	15 40 1	21 46 16	0.34	2 5	0.84	5 8
35	3 33 38	9 39 53	15 46 8	21 52 22	0.35	2 8	0.85	5 11
36	3 39 45	9 45 59	15 52 14	21 58 28	0.36	2 12	0.86	5 15
37	3 45 51	9 52 5	15 58 20	22 4 35	0.37	2 16	0.87	5 19
38	3 51 57	9 58 12	16 4 26	22 10 41	0.38	2 19	0.88	5 22
39	3 58 3	10 4 18	16 10 33	22 16 47	0.39	2 23	0.89	5 26
40	4 4 10	10 10 24	16 16 39	22 22 53	0.40	2 26	0.90	5 30
41	4 10 16	10 16 30	16 22 45	22 29 0	0.41	2 30	0.91	5 33
42	4 16 22	10 22 37	16 28 51	22 35 6	0.42	2 34	0.92	5 37
43	4 22 28	10 28 43	16 34 57	22 41 12	0.43	2 37	0.93	5 41
44	4 28 35	10 34 49	16 41 4	22 47 18	0.44	2 41	0.94	5 44
45	4 34 41	10 40 55	16 47 10	22 53 24	0.45	2 45	0.95	5 48
46	4 40 47	10 47 2	16 53 16	22 59 31	0.46	2 48	0.96	5 52
47	4 46 53	10 53 8	16 59 22	23 5 37	0.47	2 52	0.97	5 55
48	4 53 0	10 59 14	17 5 29	23 11 43	0.48	2 56	0.98	5 59
49	4 59 6	11 5 20	17 11 35	23 17 49	0.49	2 59	0.99	6 3
50	5 5 12	11 11 27	17 17 41	23 23 56	0.50	3 3	1.00	6 6
51	5 11 18	11 17 33	17 23 47	23 30 2				
52	5 17 25	11 23 39	17 29 54	23 36 8				
53	5 23 31	11 29 45	17 36 0	23 42 14				
54	5 29 37	11 35 52	17 42 6	23 48 21				
55	5 35 43	11 41 58	17 48 12	23 54 27				
56	5 41 50	11 48 4	17 54 19	24 0 33				
57	5 47 56	11 54 10	18 0 25	24 6 39				
58	5 54 2	12 0 17	18 6 31	24 12 46				
59	6 0 8	12 6 23	18 12 37	24 18 52				

Die Reduktion ist von der Sternzeit zu subtrahieren

	0^h	1^h	2^h	3^h	4^h	5^h		
m	d	d	d	d	d	d	s	d
0	0.000000	0.041667	0.083333	0.125000	0.166667	0.208333	0	0.000000
1	.000694	.042361	.084028	.125694	.167361	.209028	1	.000012
2	.001389	.043056	.084722	.126389	.168056	.209722	2	.000023
3	.002083	.043750	.085417	.127083	.168750	.210417	3	.000035
4	.002778	.044444	.086111	.127778	.169444	.211111	4	.000046
5	0.003472	0.045139	0.086806	0.128472	0.170139	0.211806	5	0.000058
6	.004167	.045833	.087500	.129167	.170833	.212500	6	.000069
7	.004861	.046528	.088194	.129861	.171528	.213194	7	.000081
8	.005556	.047222	.088889	.130556	.172222	.213889	8	.000093
9	.006250	.047917	.089583	.131250	.172917	.214583	9	.000104
10	0.006944	0.048611	0.090278	0.131944	0.173611	0.215278	10	0.000116
11	.007639	.049306	.090972	.132639	.174306	.215972	11	.000127
12	.008333	.050000	.091667	.133333	.175000	.216667	12	.000139
13	.009028	.050694	.092361	.134028	.175694	.217361	13	.000150
14	.009722	.051389	.093056	.134722	.176389	.218056	14	.000162
15	0.010417	0.052083	0.093750	0.135417	0.177083	0.218750	15	0.000174
16	.011111	.052778	.094444	.136111	.177778	.219444	16	.000185
17	.011806	.053472	.095139	.136806	.178472	.220139	17	.000197
18	.012500	.054167	.095833	.137500	.179167	.220833	18	.000208
19	.013194	.054861	.096528	.138194	.179861	.221528	19	.000220
20	0.013889	0.055556	0.097222	0.138889	0.180556	0.222222	20	0.000231
21	.014583	.056250	.097917	.139583	.181250	.222917	21	.000243
22	.015278	.056944	.098611	.140278	.181944	.223611	22	.000255
23	.015972	.057639	.099306	.140972	.182639	.224306	23	.000266
24	.016667	.058333	.100000	.141667	.183333	.225000	24	.000278
25	0.017361	0.059028	0.100694	0.142361	0.184028	0.225694	25	0.000289
26	.018056	.059722	.101389	.143056	.184722	.226389	26	.000301
27	.018750	.060417	.102083	.143750	.185417	.227083	27	.000313
28	.019444	.061111	.102778	.144444	.186111	.227778	28	.000324
29	.020139	.061806	.103472	.145139	.186806	.228472	29	.000336
30	0.020833	0.062500	0.104167	0.145833	0.187500	0.229167	30	0.000347
31	.021528	.063194	.104861	.146528	.188194	.229861	31	.000359
32	.022222	.063889	.105556	.147222	.188889	.230556	32	.000370
33	.022917	.064583	.106250	.147917	.189583	.231250	33	.000382
34	.023611	.065278	.106944	.148611	.190278	.231944	34	.000394
35	0.024306	0.065972	0.107639	0.149306	0.190972	0.232639	35	0.000405
36	.025000	.066667	.108333	.150000	.191667	.233333	36	.000417
37	.025694	.067361	.109028	.150694	.192361	.234028	37	.000428
38	.026389	.068056	.109722	.151389	.193056	.234722	38	.000440
39	.027083	.068750	.110417	.152083	.193750	.235417	39	.000451
40	0.027778	0.069444	0.111111	0.152778	0.194444	0.236111	40	0.000463
41	.028472	.070139	.111806	.153472	.195139	.236806	41	.000475
42	.029167	.070833	.112500	.154167	.195833	.237500	42	.000486
43	.029861	.071528	.113194	.154861	.196528	.238194	43	.000498
44	.030556	.072222	.113889	.155556	.197222	.238889	44	.000509
45	0.031250	0.072917	0.114583	0.156250	0.197917	0.239583	45	0.000521
46	.031944	.073611	.115278	.156944	.198611	.240278	46	.000532
47	.032639	.074306	.115972	.157639	.199306	.240972	47	.000544
48	.033333	.075000	.116667	.158333	.200000	.241667	48	.000556
49	.034028	.075694	.117361	.159028	.200694	.242361	49	.000567
50	0.034722	0.076389	0.118056	0.159722	0.201389	0.243056	50	0.000579
51	.035417	.077083	.118750	.160417	.202083	.243750	51	.000590
52	.036111	.077778	.119444	.161111	.202778	.244444	52	.000602
53	.036806	.078472	.120139	.161806	.203472	.245139	53	.000613
54	.037500	.079167	.120833	.162500	.204167	.245833	54	.000625
55	0.038194	0.079861	0.121528	0.163194	0.204861	0.246528	55	0.000637
56	.038889	.080556	.122222	.163889	.205556	.247222	56	.000648
57	.039583	.081250	.122917	.164583	.206250	.247917	57	.000660
58	.040278	.081944	.123611	.165278	.206944	.248611	58	.000671
59	.040972	.082639	.124306	.165972	.207639	.249306	59	.000683

	6^h	7^h	8^h	9^h	10^h	11^h		
m	d	d	d	d	d	d	s	d
0	0.250000	0.291667	0.333333	0.375000	0.416667	0.458333	0	0.000000
1	.250694	.292361	.334028	.375694	.417361	.459028	1	.000012
2	.251389	.293056	.334722	.376389	.418056	.459722	2	.000023
3	.252083	.293750	.335417	.377083	.418750	.460417	3	.000035
4	.252778	.294444	.336111	.377778	.419444	.461111	4	.000046
5	0.253472	0.295139	0.336806	0.378472	0.420139	0.461806	5	0.000058
6	.254167	.295833	.337500	.379167	.420833	.462500	6	.000069
7	.254861	.296528	.338194	.379861	.421528	.463194	7	.000081
8	.255556	.297222	.338889	.380556	.422222	.463889	8	.000093
9	.256250	.297917	.339583	.381250	.422917	.464583	9	.000104
10	0.256944	0.298611	0.340278	0.381944	0.423611	0.465278	10	0.000116
11	.257639	.299306	.340972	.382639	.424306	.465972	11	.000127
12	.258333	.300000	.341667	.383333	.425000	.466667	12	.000139
13	.259028	.300694	.342361	.384028	.425694	.467361	13	.000150
14	.259722	.301389	.343056	.384722	.426389	.468056	14	.000162
15	0.260417	0.302083	0.343750	0.385417	0.427083	0.468750	15	0.000174
16	.261111	.302778	.344444	.386111	.427778	.469444	16	.000185
17	.261806	.303472	.345139	.386806	.428472	.470139	17	.000197
18	.262500	.304167	.345833	.387500	.429167	.470833	18	.000208
19	.263194	.304861	.346528	.388194	.429861	.471528	19	.000220
20	0.263889	0.305556	0.347222	0.388889	0.430556	0.472222	20	0.000231
21	.264583	.306250	.347917	.389583	.431250	.472917	21	.000243
22	.265278	.306944	.348611	.390278	.431944	.473611	22	.000255
23	.265972	.307639	.349306	.390972	.432639	.474306	23	.000266
24	.266667	.308333	.350000	.391667	.433333	.475000	24	.000278
25	0.267361	0.309028	0.350694	0.392361	0.434028	0.475694	25	0.000289
26	.268056	.309722	.351389	.393056	.434722	.476389	26	.000301
27	.268750	.310417	.352083	.393750	.435417	.477083	27	.000313
28	.269444	.311111	.352778	.394444	.436111	.477778	28	.000324
29	.270139	.311806	.353472	.395139	.436806	.478472	29	.000336
30	0.270833	0.312500	0.354167	0.395833	0.437500	0.479167	30	0.000347
31	.271528	.313194	.354861	.396528	.438194	.479861	31	.000359
32	.272222	.313889	.355556	.397222	.438889	.480556	32	.000370
33	.272917	.314583	.356250	.397917	.439583	.481250	33	.000382
34	.273611	.315278	.356944	.398611	.440278	.481944	34	.000394
35	0.274306	0.315972	0.357639	0.399306	0.440972	0.482639	35	0.000405
36	.275000	.316667	.358333	.400000	.441667	.483333	36	.000417
37	.275694	.317361	.359028	.400694	.442361	.484028	37	.000428
38	.276389	.318056	.359722	.401389	.443056	.484722	38	.000440
39	.277083	.318750	.360417	.402083	.443750	.485417	39	.000451
40	0.277778	0.319444	0.361111	0.402778	0.444444	0.486111	40	0.000463
41	.278472	.320139	.361806	.403472	.445139	.486806	41	.000475
42	.279167	.320833	.362500	.404167	.445833	.487500	42	.000486
43	.279861	.321528	.363194	.404861	.446528	.488194	43	.000498
44	.280556	.322222	.363889	.405556	.447222	.488889	44	.000509
45	0.281250	0.322917	0.364583	0.406250	0.447917	0.489583	45	0.000521
46	.281944	.323611	.365278	.406944	.448611	.490278	46	.000532
47	.282639	.324306	.365972	.407639	.449306	.490972	47	.000544
48	.283333	.325000	.366667	.408333	.450000	.491667	48	.000556
49	.284028	.325694	.367361	.409028	.450694	.492361	49	.000567
50	0.284722	0.326389	0.368056	0.409722	0.451389	0.493056	50	0.000579
51	.285417	.327083	.368750	.410417	.452083	.493750	51	.000590
52	.286111	.327778	.369444	.411111	.452778	.494444	52	.000602
53	.286806	.328472	.370139	.411806	.453472	.495139	53	.000613
54	.287500	.329167	.370833	.412500	.454167	.495833	54	.000625
55	0.288194	0.329861	0.371528	0.413194	0.454861	0.496528	55	0.000637
56	.288889	.330556	.372222	.413889	.455556	.497222	56	.000648
57	.289583	.331250	.372917	.414583	.456250	.497917	57	.000660
58	.290278	.331944	.373611	.415278	.456944	.498611	58	.000671
59	.290972	.332639	.374306	.415972	.457639	.499306	59	.000683

zur Berechnung der optischen Mondlibration

λ-☊	Δλ	a	B	λ-☊	λ-☊	Δλ	a	B	λ-☊
°	′		° ′	°	°	′		° ′	°
0	+0.0+	−0.0269+	−0 0.0+	180	45	+0.6+	−0.0190+	−1 5.3+	225
1	0.0	268	0 1.6	181	46	0.6	187	1 6.4	226
2	0.0	268	0 3.2	182	47	0.6	183	1 7.5	227
3	0.1	268	0 4.8	183	48	0.6	180	1 8.6	228
4	0.1	268	0 6.4	184	49	0.6	176	1 9.7	229
5	+0.1+	−0.0268+	−0 8.0+	185	50	+0.6+	−0.0173+	−1 10.7+	230
6	0.1	267	0 9.7	186	51	0.6	169	1 11.8	231
7	0.1	267	0 11.3	187	52	0.6	165	1 12.8	232
8	0.2	266	0 12.9	188	53	0.6	162	1 13.8	233
9	0.2	265	0 14.4	189	54	0.6	158	1 14.7	234
10	+0.2+	−0.0264+	−0 16.0+	190	55	+0.6+	−0.0154+	−1 15.6+	235
11	0.2	264	0 17.6	191	56	0.6	150	1 16.5	236
12	0.2	263	0 19.2	192	57	0.6	146	1 17.4	237
13	0.3	262	0 20.8	193	58	0.6	142	1 18.3	238
14	0.3	261	0 22.3	194	59	0.5	138	1 19.2	239
15	+0.3+	−0.0259+	−0 23.9+	195	60	+0.5+	−0.0134+	−1 20.0+	240
16	0.3	258	0 25.5	196	61	0.5	130	1 20.8	241
17	0.3	257	0 27.0	197	62	0.5	126	1 21.5	242
18	0.4	255	0 28.5	198	63	0.5	122	1 22.3	243
19	0.4	254	0 30.1	199	64	0.5	118	1 23.0	244
20	+0.4+	−0.0252+	−0 31.6+	200	65	+0.5+	−0.0114+	−1 23.7+	245
21	0.4	251	0 33.1	201	66	0.5	109	1 24.4	246
22	0.4	249	0 34.6	202	67	0.4	105	1 25.0	247
23	0.4	247	0 36.1	203	68	0.4	101	1 25.6	248
24	0.5	245	0 37.6	204	69	0.4	096	1 26.2	249
25	+0.5+	−0.0243+	−0 39.0+	205	70	+0.4+	−0.0092+	−1 26.8+	250
26	0.5	241	0 40.5	206	71	0.4	87	1 27.3	251
27	0.5	239	0 41.9	207	72	0.4	83	1 27.8	252
28	0.5	237	0 43.4	208	73	0.3	79	1 28.3	253
29	0.5	235	0 44.8	209	74	0.3	74	1 28.8	254
30	+0.5+	−0.0233+	−0 46.2+	210	75	+0.3+	−0.0070+	−1 29.2+	255
31	0.5	230	0 47.6	211	76	0.3	65	1 29.6	256
32	0.6	228	0 48.9	212	77	0.3	60	1 30.0	257
33	0.6	225	0 50.3	213	78	0.2	56	1 30.3	258
34	0.6	223	0 51.6	214	79	0.2	51	1 30.6	259
35	+0.6+	−0.0220+	−0 53.0+	215	80	+0.2+	−0.0047+	−1 30.9+	260
36	0.6	217	0 54.3	216	81	0.2	42	1 31.2	261
37	0.6	214	0 55.6	217	82	0.2	37	1 31.4	262
38	0.6	212	0 56.9	218	83	0.1	33	1 31.6	263
39	0.6	209	0 58.1	219	84	0.1	28	1 31.8	264
40	+0.6+	−0.0206+	−0 59.4+	220	85	+0.1+	−0.0023+	−1 32.0+	265
41	0.6	203	1 0.6	221	86	0.1	19	1 32.1	266
42	0.6	200	1 1.8	222	87	0.1	14	1 32.2	267
43	0.6	196	1 3.0	223	88	0.0	09	1 32.3	268
44	0.6	193	1 4.1	224	89	0.0	05	1 32.3	269
45	+0.6+	−0.0190+	−1 5.3+	225	90	+0.0+	−0.0000+	−1 32.3+	270

$$l' = \lambda + \Delta\lambda - a(B - \beta) - L_{\leftmoon}; \quad b' = B - \beta$$

l', b' = Optische Libration der Mondmitte in selenographischer Länge und Breite

λ, β = Länge und Breite des Mondmittelpunktes, berechnet für den Beobachtungsort

$L_{\leftmoon}$ = Mittlere Länge des Mondes, ☊ = Mondknoten.

Hilfstafeln

zur Berechnung der optischen Mondlibration

λ-☊	Δλ	a	B	λ-☊	λ-☊	Δλ	a	B	λ-☊
°	′		° ′	°	°	′		° ′	°
90	—0.0—	+0.0000—	—1 32.3+	270	135	—0.6—	+0.0190—	—1 5.3+	315
91	0.0	05	1 32.3	271	136	0.6	193	1 4.1	316
92	0.0	09	1 32.3	272	137	0.6	196	1 3.0	317
93	0.1	14	1 32.2	273	138	0.6	200	1 1.8	318
94	0.1	19	1 32.1	274	139	0.6	203	1 0.6	319
95	—0.1—	+0.0023—	—1 32.0+	275	140	—0.6—	+0.0206—	—0 59.4+	320
96	0.1	28	1 31.8	276	141	0.6	209	0 58.1	321
97	0.1	33	1 31.6	277	142	0.6	212	0 56.9	322
98	0.2	37	1 31.4	278	143	0.6	214	0 55.6	323
99	0.2	42	1 31.2	279	144	0.6	217	0 54.3	324
100	—0.2—	+0.0047—	—1 30.9+	280	145	—0.6—	+0.0220—	—0 53.0+	325
101	0.2	51	1 30.6	281	146	0.6	223	0 51.6	326
102	0.2	56	1 30.3	282	147	0.6	225	0 50.3	327
103	0.3	60	1 30.0	283	148	0.6	228	0 48.9	328
104	0.3	65	1 29.6	284	149	0.5	230	0 47.6	329
105	—0.3—	+0.0070—	—1 29.2+	285	150	—0.5—	+0.0233—	—0 46.2+	330
106	0.3	74	1 28.8	286	151	0.5	235	0 44.8	331
107	0.3	79	1 28.3	287	152	0.5	237	0 43.4	332
108	0.4	83	1 27.8	288	153	0.5	239	0 41.9	333
109	0.4	87	1 27.3	289	154	0.5	241	0 40.5	334
110	—0.4—	+0.0092—	—1 26.8+	290	155	—0.5—	+0.0243—	—0 39.0+	335
111	0.4	096	1 26.2	291	156	0.5	245	0 37.6	336
112	0.4	101	1 25.6	292	157	0.4	247	0 36.1	337
113	0.4	105	1 25.0	293	158	0.4	249	0 34.6	338
114	0.5	109	1 24.4	294	159	0.4	251	0 33.1	339
115	—0.5—	+0.0114—	—1 23.7+	295	160	—0.4—	+0.0252—	—0 31.6+	340
116	0.5	118	1 23.0	296	161	0.4	254	0 30.1	341
117	0.5	122	1 22.3	297	162	0.4	255	0 28.5	342
118	0.5	126	1 21.5	298	163	0.3	257	0 27.0	343
119	0.5	130	1 20.8	299	164	0.3	258	0 25.5	344
120	—0.5—	+0.0134—	—1 20.0+	300	165	—0.3—	+0.0259—	—0 23.9+	345
121	0 5	138	1 19.2	301	166	0.3	261	0 22.3	346
122	0.6	142	1 18.3	302	167	0.3	262	0 20.8	347
123	0.6	146	1 17.4	303	168	0.2	263	0 19.2	348
124	0.6	150	1 16.5	304	169	0.2	264	0 17.6	349
125	—0.6—	+0.0154—	—1 15.6+	305	170	—0.2—	+0.0264—	—0 16.0+	350
126	0.6	158	1 14.7	306	171	0.2	265	0 14.4	351
127	0.6	162	1 13.8	307	172	0.2	266	0 12.9	352
128	0.6	165	1 12.8	308	173	0.1	267	0 11.3	353
129	0.6	169	1 11.8	309	174	0.1	267	0 9.7	354
130	—0.6—	+0.0173—	—1 10.7+	310	175	—0.1—	+0.0268—	—0 8.0+	355
131	0.6	176	1 9.7	311	176	0.1	268	0 6.4	356
132	0.6	180	1 8.6	312	177	0.1	268	0 4.8	357
133	0.6	183	1 7.5	313	178	0.0	268	0 3.2	358
134	0.6	187	1 6 4	314	179	0.0	268	0 1.6	359
135	—0.6—	+0.0190—	—1 5.3+	315	180	—0.0—	+0.0269—	—0 0.0+	360

$$l' = \lambda + \Delta\lambda - a\,(B - \beta) - L_{☾}\,; \quad b' = B - \beta$$

l', b' = Optische Libration der Mondmitte in selenographischer Länge und Breite

λ, β = Länge und Breite des Mondmittelpunktes, berechnet für den Beobachtungsort

$L_{☾}$ = Mittlere Länge des Mondes, ☊ = Mondknoten.

Hilfsgrößen

zur Berechnung der geozentrischen Koordinaten

$\rho \sin \varphi' = s \sin \varphi$; $\rho \cos \varphi' = c \cos \varphi$

φ	log s		log c		φ	log s		log c	
±0°	9.9970705	4	0.0000000	4	±40°	9.9976745	252	0.0006040	252
1	.9970709	14	.0000004	14	41	.9976997	254	.0006292	254
2	.9970723	22	.0000018	22	42	.9977251	255	.0006546	255
3	.9970745	31	.0000040	31	43	.9977506	255	.0006801	255
4	.9970776	40	.0000071	40	44	.9977761	255	.0007056	255
5	9.9970816	49	0.0000111	49	45	9.9978016	256	0.0007311	256
6	.9970865	57	.0000160	57	46	.9978272	255	.0007567	255
7	.9970922	66	.0000217	66	47	.9978527	255	.0007822	255
8	.9970988	74	.0000283	74	48	.9978782	254	.0008077	254
9	.9971062	83	.0000357	83	49	.9979036	252	.0008331	252
10	9.9971145	92	0.0000440	92	50	9.9979288	252	0.0008583	252
11	.9971237	99	.0000532	99	51	.9979540	249	.0008835	249
12	.9971336	108	.0000631	108	52	.9979789	247	.0009084	247
13	.9971444	116	.0000739	116	53	.9980036	245	.0009331	245
14	.9971560	123	.0000855	123	54	.9980281	242	.0009576	242
15	9.9971683	131	0.0000978	131	55	9.9980523	239	0.0009818	239
16	.9971814	139	.0001109	139	56	.9980762	235	.0010057	235
17	.9971953	146	.0001248	146	57	.9980997	232	.0010292	232
18	.9972099	154	.0001394	154	58	.9981229	228	.0010524	228
19	.9972253	160	.0001548	160	59	.9981457	224	.0010752	224
20	9.9972413	168	0.0001708	168	60	9.9981681	220	0.0010976	220
21	.9972581	174	.0001876	174	61	.9981901	215	.0011196	215
22	.9972755	180	.0002050	180	62	.9982116	209	.0011411	209
23	.9972935	187	.0002230	187	63	.9982325	205	.0011620	205
24	.9973122	192	.0002417	192	64	.9982530	199	.0011825	199
25	9.9973314	198	0.0002609	198	65	9.9982729	193	0.0012024	193
26	.9973512	204	.0002807	204	66	.9982922	188	.0012217	188
27	.9973716	209	.0003011	209	67	.9983110	181	.0012405	181
28	.9973925	214	.0003220	214	68	.9983291	175	.0012586	175
29	.9974139	219	.0003434	219	69	.9983466	168	.0012761	168
30	9.9974358	223	0.0003653	223	70	9.9983634	161	0.0012929	161
31	.9974581	227	.0003876	227	71	.9983795	154	.0013090	154
32	.9974808	232	.0004103	232	72	.9983949	147	.0013244	147
33	.9975040	235	.0004335	235	73	.9984096	140	.0013391	140
34	.9975275	238	.0004570	238	74	.9984236	132	.0013531	132
35	9.9975513	241	0.0004808	241	75	9.9984368	124	0.0013663	124
36	.9975754	245	.0005049	245	76	.9984492	117	.0013787	117
37	.9975999	246	.0005294	246	77	.9984609	108	.0013904	108
38	.9976245	249	.0005540	249	78	.9984717	100	.0014012	100
39	.9976494	251	.0005789	251	79	.9984817	92	.0014112	92
40	9.9976745		0.0006040		80	9.9984909		0.0014204	

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Abbadia.	69	+43 22 52.2	+0 7 0.1	+ 1.15	+43 11 17.8	9.999317
Åbo	—	+60 26 56.8	−1 29 6.30	−14.64	+60 16 58.8	9.998894
Adelaide	43	−34 55 37.1	−9 14 20.3	−91.06	−34 44 44.8	9.999526
Albany (N. Stw.)[1]	40	+42 39 12.6	+4 55 6.36	+48.48	+42 27 39.5	9.999334
Alfred Centre N.Y.	556	+42 15 19.8	+5 11 7.13	+51.11	+42 3 47.6	9.999379
Algier (N. Stw.)[2] .	342	+36 47 50	−0 12 8.38	− 1.99	+36 36 43	9.999501
Allegheny (N. Stw.)	370	+40 28 58.1	+5 20 5.39	+52.59	+40 17 31.4	9.999411
Allegheny (A. Stw.)	349	+40 27 41.6	+5 20 2.97	+52.58	+40 16 15.0	9.999411
Altenburg[3] . .	229	+50 58 20	−0 49 44.16	− 8.17	+50 46 59	9.999135
Altona Mer.-Kreis[4]	31	+53 32 45.3	−0 39 46.19	− 6.53	+53 21 39.7	9.999058
Amherst (Neue Stw.)	110	+42 21 56.5	+4 50 5.98	+47.66	+42 10 24.0	9.999346
Amherst (Alte Stw.)	122	+42 22 17.1	+4 50 4.72	+47.66	+42 10 44.6	9.999347
Annapolis	—	+38 58 53.5	+5 5 56.53	+50.26	+38 47 33.6	9.999424
Ann Arbor . . .	285	+42 16 48.0	+5 34 55.23	+55.02	+42 5 15.7	9.999360
Arcetri Zentr. d. St.[5]	186	+43 45 14.4	−0 45 1.30	− 7.39	+43 33 39.5	9.999316
Arequipa	2451	−16 22 28.0	+4 46 11.73	+47.02	−16 16 12.7	0.000052
Armagh	61	+54 21 12.7	+0 26 35.4	+ 4.37	+54 10 13.1	9.999041
Athen	107	+37 58 19.7	−1 34 52.92	−15.58	+37 47 5.4	9.999456
Bamberg (Remeis' St.)	299	+49 53 6.0	−0 43 33.57	− 7.15	+49 41 40.0	9.999167
Barcelona[6] . . .	420	+41 24 2	−0 8 35.1	− 1.41	+41 12 32	9.999392
Beloit	—	+42 30 9	+5 56 7.4	+58.51	+42 18 36	9.999335
Bergedorf Mer.-Kr.	35	+53 28 46.7	−0 40 57.74	− 6.73	+53 17 40.6	9.999060
Bergen	—	+60 23 54	−0 21 12.73	− 3.48	+60 13 55	9.998895
Berkeley	97	+37 52 23.6	+8 9 2.82	+80.34	+37 41 9.9	9.999458
Berlin-Babelsberg[7]	80	+52 24 24.2	−0 52 25.49	− 8.61	+52 13 11.1	9.999089
Berlin (Urania) . .	—	+52 31 30.7	−0 53 27.40	− 8.78	+52 20 18.3	9.999081
Bern	573	+46 57 8.7	−0 29 45.55	− 4.89	+46 45 34.5	9.999261
Besançon	312	+47 14 59.0	−0 23 57.1	− 3.93	+47 3 25.3	9.999236
Bethlehem[8] . .	—	+40 36 23.5	+5 1 31.94	+49.54	+40 24 56.3	9.999383
Birr Castle[9] . .	56	+53 5 47	+0 31 40.9	+ 5.20	+52 54 38	9.999070
Bogota	2700	+ 4 35 48	+4 56 59	+48.79	+ 4 33 57	0.000175
Bologna Zentr. d. Stw.	84	+44 29 52.8	−0 45 24.48	− 7.46	+44 18 17.3	9.999290
Bombay (Colaba) .	19	+18 53 36.2	−4 51 15.70	−47.85	+18 46 31.1	9.999849
Bonn Zentr. d. Stw. .	62	+50 43 45.0	−0 28 23.18	− 4.66	+50 32 22.7	9.999130
Bordeaux (Floirac)	73	+44 50 7.2	+0 2 6.56	+ 0.35	+44 38 31.6	9.999281
Boston (University)	—	+42 21 32.5	+4 44 15.0	+46.70	+42 10 0.0	9.999339

[1]) Dudley Observatory, seit Juni 1893. Alte Sternwarte 37″.0 nördlich, 7s.10 östlich. — [2]) Alte Sternwarte 3′.8 südlich, 8s östlich. — [3]) Fr. Krüger. — [4]) 1873 nach Kiel verlegt. — [5]) Seit Oktober 1872, früher in Florenz. — [6]) J. Comas Sola. — [7]) Die Koordinaten beziehen sich auf die Mitte der großen Kuppel, in der der große Refraktor aufgestellt ist. Die frühere Sternwarte in Berlin (seit 1835) lag 5′ 52″.5 nördlich und 1m 9s.31 östlich. — [8]) Sayre Observatory, auch South-Bethlehem. — [9]) Earl of Rosse.

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Bothkamp 1)	32	+54 12 9.6	−0 40 31.2	−6.65	+54 1 8.8	9.999042
Bremen (Olbers' Stw.)	—	+53 4 36	−0 35 15	−5.79	+52 53 27	9.999067
Breslau Zentr. d. Stw.	147	+51 6 56.5	−1 8 8.72	−11.19	+50 55 36.1	9.999126
Breteuil Zentr. 2)	66	+48 49 48	−0 8 52.9	−1.46	+48 38 18	9.999178
Brisbane	—	−27 28 0	−10 12 6.4	−100.55	−27 18 32	9.999691
Brüssel (Alte St.) Pass.Instr.	56	+50 51 10.7	−0 17 28.71	−2.87	+50 39 49.0	9.999126
Brüssel (Uccle) Mer.-Kreis	102	+50 47 55.5	−0 17 26.06	−2.86	+50 36 33.6	9.999131
Budapest 3)	110	+47 28 49	−1 16 13.7	−12.53	+47 17 16	9.999215
Bukarest (Mil. Geogr. Inst.)	85	+44 24 34.2	−1 44 27.01	−17.16	+44 12 58.7	9.999292
Cambridge Engl.	28	+52 12 51.6	−0 0 22.75	−0.06	+52 1 37.3	9.999090
Cambridge Mass. 4)	24	+42 22 47.6	+4 44 31.02	+46.74	+42 11 15.1	9.999340
Cap d. gut. Hoffnung	16	−33 56 3.2	−1 13 54.74	−12.14	−33 45 19.6	9.999548
Catania	60	+37 30 13.3	−1 0 20.6	−9.91	+37 19 1.9	9.999465
Chapultepec (Alte Stw.) 5)	—	+19 25 17.5	+6 36 38.28	+65.16	+19 18 2.3	9.999840
Charkow	138	+50 0 10.2	−2 24 54.6	−23.81	+49 48 44.7	9.999153
Charlottenburg, Techn. Hochsch.	60	+52 30 48.7	−0 53 20.5	−8.76	+52 19 36.2	9.999085
Charlottesville 6)	250	+38 2 1.2	+5 14 5.26	+51.60	+37 50 46.5	9.999464
Chicago (Alte Stw.) 7)	—	+41 50 1.0	+5 50 26.82	+57.57	+41 38 29.8	9.999352
Christiania (Oslo) Mer.-Kr.	25	+59 54 43.7	−0 42 53.51	−7.04	+59 44 39.2	9.998908
Cincinnati (Alte Stw.)	—	+39 6 26.5	+5 37 59.09	+55.52	+38 55 6.0	9.999421
Cincinnati (Neue Stw.) 8)	263	+39 8 19.8	+5 37 41.33	+55.47	+38 56 59.1	9.999438
Cleveland (Case Obs.)	212	+41 30 14.5	+5 26 25.86	+53.63	+41 18 44.3	9.999375
Clinton (Litchfield Obs.)	276	+43 3 16.5	+5 1 37.48	+49.55	+42 51 42.6	9.999340
Coimbra	99	+40 12 24.5	+0 33 43.1	+5.54	+40 0 58.9	9.999400
Columbia Missouri 9)	225	+38 56 51.7	+6 9 18.37	+60.67	+38 45 32.0	9.999440
Cordoba	439	−31 25 15.5	+4 16 48.2	+42.19	−31 14 57.5	9.999635
Danzig	3	+54 21 18.0	−1 14 39.5	−12.26	+54 10 18.4	9.999036
Denver 10)	1650	+39 40 36.4	+6 59 47.67	+68.96	+39 29 13.1	9.999519
Dorpat (Tartu, Jurjew) Mer. Kr.	73	+58 22 47.1	−1 46 53.23	−17.56	+58 12 25.0	9.998946
Dresden (Neue Stw.) 11)	121	+51 2 16.8	−0 54 54.74	−9.02	+50 50 56.1	9.999126
Dresden (Mathem. Salon)	—	+51 3 14.7	−0 54 55.83	−9.02	+50 51 54.0	9.999117
Dublin (Dunsink Obs.)	86	+53 23 13.1	+0 25 21.1	+4.17	+53 12 6.4	9.999065
Düsseldorf (Bilk)	46	+51 12 25.0	−0 27 2.69	−4.44	+51 1 5.1	9.999117
Dunecht 12)	141	+57 9 36	+0 9 40	+1.59	+56 59 1	9.998979
Durham	107	+54 46 6.2	+0 6 19.7	+1.04	+54 35 9.8	9.999033
Edinburgh	106	+55 57 23.2	+0 12 43.05	+2.09	+55 46 37.0	9.999005

1) Herr von Bülow. — 2) Bureau international des Poids et Mesures. — 3) Observ. der Kgl. Josef-Technischen Hochschule. — 4) Harvard College Observatory. — 5) 1883 nach Tacubaya verlegt. — 6) Leander Mc. Cormick Obs. der University of Virginia. — 7) 1887 geschlossen. — 8) Mount Lookout seit 1873. — 9) Laws Observatory. — 10) University Park, Chamberlin Observatory. — 11) v. Engelhardt, Herbst 1897 aufgelöst. Alte Sternwarte 14″.2 nördlich, 1s.57 westlich. — 12) Earl of Crawford.

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Edinburgh (Blackf. Hill)	134	+55 55 28.0	+0 12 44.0	+ 2.09	+55 44 41.5	9.999007
Evanston (Dearborn Obs.)	175	+42 3 33.4	+5 50 42.3	+57.61	+41 52 1.6	9.999358
Flagstaff (Lowell Obs.) .	2210	+35 12 30.5	+7 26 44.6	+73.39	+35 1 35.8	9.999667
Florenz (Alte Sternw.)[1] .	73	+43 46 4.1	−0 45 1.30	− 7.40	+43 34 29.2	9.999308
Florenz (Mil. Geogr. Inst.)	—	+43 46 49.3	−0 45 2.52	− 7.40	+43 35 14.4	9.999303
Frankfurt a. M. . . .	121	+50 7 0	−0 34 36.3	− 5.70	+49 55 35	9.999149
Genf Mer.-Kreis	407	+46 11 59.1	−0 24 36.61	− 4.04	+46 0 23.9	9.999269
Genua (Mar. Stw.) Mer.-Kr.	105	+44 25 9.3	−0 35 41.28	− 5.86	+44 13 33.8	9.999293
Georgetown D. C. . .	46	+38 54 26.2	+5 8 18.33	+50.65	+38 43 6.7	9.999429
Glasgow Schottl. . . .	55	+55 52 42.6	+0 17 10.55	+ 2.82	+55 41 55.7	9.999003
Glasgow Missouri . . .	228	+39 13 45.6	+6 11 18.06	+61.00	+39 2 24.5	9.999433
Göttingen Mer.-Kreis . .	161	+51 31 48.2	−0 39 46.22	− 6.53	+51 20 30.0	9.999117
Gohlis[2]	108	+51 21 35.0	−0 49 29.54	− 8.13	+51 10 15.9	9.999117
Gotha (Neue Stw.) Zentr.d.St.[3]	320	+50 56 37.5	−0 42 50.51	− 7.04	+50 45 16.3	9.999142
Graz	375	+47 4 37.2	−1 1 48	−10.15	+46 53 3.2	9.999244
Greenwich Transit Circle	47	+51 28 38.1	0 0 0.00	0.00	+51 17 19.6	9.999110
Grignon	—	+47 33 42	−0 17 38	− 2.89	+47 22 9	9.999206
Groningen	4	+53 13 19.1	−0 26 15.2	− 4.31	+53 2 11.3	9.999064
Hamburg (Alt. Stw.) M.-Kr.[4]	25	+53 33 6.0	−0 39 53.60	− 6.55	+53 22 0.4	9.999057
Hamburg (D. Seewarte) .	30	+53 32 51.8	−0 39 53.42	− 6.55	+53 21 46.2	9.999058
Hanover N. H.	183	+43 42 15.2	+4 49 8.00	+47.50	+43 30 40.4	9.999317
Harrow (Col. Tupmann) .	66	+51 34 47.4	+0 1 19.9	+ 0.39	+51 23 29.5	9.999109
Hastings on Huds.[5] .	—	+40 59 25	+4 55 29.7	+48.55	+40 47 56	9.999373
Haverford	—	+40 0 36.5	+5 1 12.79	+49.48	+39 49 11.8	9.999398
Heidelberg (Wolfs Stw.)	126	+49 24 35	−0 34 48.4	− 5.72	+49 13 7	9.999159
Heidelberg (Königst.) M.-Kr.	570	+49 23 54.6	−0 34 53.13	− 5.73	+49 12 26.8	9.999198
St. Helena	210	−15 55 26	+0 22 52.2	+ 3.76	−15 49 20	9.999905
Helsingfors Mer.-Kreis .	38	+60 9 42.6	−1 39 49.10	−16.40	+59 59 41.1	9.998903
Helwan	119	+29 51 33	−2 5 21.77	−20.59	+29 41 33	9.999648
Herény (von Gothard) . .	229	+47 15 47.4	−1 6 24.6	−10.91	+47 4 13.7	9.999229
Hongkong	34	+22 18 13.2	−7 36 41.9	−75.02	+22 10 5.8	9.999793
Hudson	—	+41 14 42.6	+5 25 44.19	+53.51	+41 3 13.2	9.999367
Hyderabad-Deccan[6]	554	+17 25 54.3	−5 13 48.98	−51.55	+17 19 17.7	9.999907
Innsbruck	605	+47 16 7.7	−0 45 31.42	− 7.48	+47 4 34.0	9.999254
Ipswich (Orwell Park)[7] .	—	+52 0 33	−0 4 55.8	− 0.81	+51 49 17	9.999094
Jena (Univers.) Zentr. d. St.	156	+50 55 35.6	−0 46 20.22	− 7.61	+50 44 14.3	9.999131

[1]) 1872 nach Arcetri verlegt. — [2]) Winkler, August 1887 nach Jena verlegt. — [3]) Seit 1857, früher Seeberg. — [4]) 1909 nach Bergedorf verlegt. — [5]) Dr. Draper. — [6]) Nizamiah Observatory. — [7]) Col. Tomline.

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Jena (Winkler)	174	+50 56 15.7	−0 46 20.73	− 7.61	+50 44 54.5	9.999132
Johannesburg	1806	−26 10 55.3	−1 52 18.00	−18.45	−26 1 45.2	9.999840
Kairo	—	+30 4 38.2	−2 5 8.80	−20.56	+29 54 35.8	9.999635
Kalocsa[1])	110	+46 31 42	−1 15 54.2	−12.47	+46 20 7	9.999240
Karlsruhe[2])	110	+49 0 29.6	−0 33 35.40	− 5.52	+48 49 0.4	9.999177
Kasan (Univers.)	79	+55 47 24.3	−3 16 28.93	−32.28	+55 36 36.6	9.999007
Kasan (Engelhardt) . . .	98	+55 50 20.0	−3 15 16.4	−32.08	+55 39 32.7	9.999007
Kew	10	+51 28 6	+0 1 15.1	+ 0.21	+51 16 47	9.999108
Kiel Neuer Mer.-Kreis . .	52	+54 20 27.6	−0 40 35.45	− 6.67	+54 9 27.9	9.999040
Kiel Alter Mer.-Kreis . .	47	+54 20 28.5	−0 40 35.57	− 6.67	+54 9 28.8	9.999040
Kiew Mer.-Kreis	179	+50 27 12.5	−2 2 0.57	−20.04	+50 15 49.0	9.999145
Kis Kartal[3])	—	+47 41 54.8	−1 18 11.6	−12.84	+47 30 22.0	9.999202
Königsberg Reps. M.-Kr.[4])	22	+54 42 50.6	−1 21 58.98	−13.47	+54 31 53.8	9.999029
Konstanz[5])	420	+47 39 43.6	−0 36 42.01	− 6.03	+47 28 10.7	9.999232
Kopenhagen (Neue Stw.)[6])	14	+55 41 12.6	−0 50 18.69	− 8.26	+55 30 24.0	9.999005
Kopenhagen (Urania-St.)	10	+55 41 19.2	−0 50 9.11	− 8.24	+55 30 30.6	9.999005
Krakau Mer.-Kreis . . .	221	+50 3 51.9	−1 19 50.28	−13.11	+49 52 26.7	9.999158
Kremsmünster Mer.-Kr.	384	+48 3 23.1	−0 56 31.58	− 9.28	+47 51 51.1	9.999219
Kyoto	55	+35 1 37.1	−9 3 6.70	−89.22	+34 50 43.9	9.999525
Landstuhl (Fauth) . . .	385	+49 24 42.5	−0 30 16.35	− 4.97	+49 13 14.7	9.999185
La Plata Mer. Kr. Gautier	17	−34 54 30.3	+3 51 44.8	+38.07	−34 43 38.1	9.999525
Leiden (Neue Stw.) Mer.-Kr.[7])	6	+52 9 20.2	−0 17 56.15	− 2.94	+51 58 5.6	9.999090
Leipzig (Neue Stw.) Zentr.[8])	119	+51 20 5.9	−0 49 33.93	− 8.14	+51 8 46.7	9.999119
Lembang (Bosscha St.) .	1300	− 6 49 29.1	−7 10 27.81	−70.71	− 6 46 45.5	0.000068
Lemberg	338	+49 50 11	−1 36 4	−15.78	+49 38 45	9.999171
Leningrad (Petersburg) (Akad.) .	20	+59 56 29.7	−2 1 13.35	−19.91	+59 46 25.5	9.998907
Leningrad (Petersburg) (Univers.) .	4	+59 56 32.0	−2 1 11.3	−19.91	+59 46 27.8	9.998906
Leyton[9])	—	+51 34 34.0	+0 0 0.9	0.00	+51 23 16.1	9.999105
Lissabon (Tapada) . .	94	+38 42 30.5	+0 36 44.78	+ 6.04	+38 31 12.0	9.999437
Lissabon (Mar. Stw.) . .	—	+38 42 17.6	+0 36 33.6	+ 6.01	+38 30 59.2	9.999431
Liverpool (Neue Stw.)[10])	61	+53 24 3.8	+0 12 17.2	+ 2.02	+53 12 57.2	9.999063
London[11])	—	+51 31 30	+0 0 37.1	+ 0.10	+51 20 12	9.999106
Lourenço Marques .	59	−25 58 4.9	−2 10 22.63	−21.42	−25 48 58.3	9.999725
Lübeck (Navig.-Sch.) .	19	+53 51 31.1	−0 42 45.6	− 7.02	+53 40 27.8	9.999049
Lund Zentr. d. Stw. . .	34	+55 41 52.0	−0 52 44.97	− 8.66	+55 31 3.5	9.999006
Lussinpiccolo[12]) . . .	42	+44 32 11	−0 57 52.3	− 9.50	+44 20 35	9.999286

[1]) Erzbischöfl. Haynaldsche Sternwarte. — [2]) 1896 nach Heidelberg verlegt. — [3]) Baron von Podmaniczky. — [4]) Nach 1898, vor 1898 $0^s.01$ westlich. — [5]) Privatsternwarte von E. Leiner. — [6]) Seit 1861 Nov. 11. Alte Sternwarte $20''.3$ südlich, $0^s.03$ westlich. — [7]) Seit 1860. Alte Sternwarte $8''.0$ nördlich, $0^s.42$ östlich. — [8]) Seit 1861. Alte Sternwarte $14''.2$ nördlich, $4^s.00$ westlich. — [9]) J. Gurney Barclay. — [10]) Alte Sternwarte $44''.0$ nördlich, $17^s.1$ östlich. — [11]) Regents Park, G. Bishop 1836—61. — [12]) Manora-Sternwarte.

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
Lüttich Ougrée . . .	128 m	+50° 37′ 6″	−0h 22m 12s	− 3.65s	+50° 25′ 43″	9.999137
Lyon	299	+45 41 40.8	−0 19 8.0	− 3.14	+45 30 5.3	9.999274
Madison (Washburn Obs.)	293	+43 4 36.7	+5 57 37.90	+58.75	+42 53 2.8	9.999340
Madras	7	+13 4 8.1	−5 20 59.33	−52.73	+12 59 2.6	9.999926
Madrid Zentr. d. Stw. .	655	+40 24 29.7	+0 14 45.09	+ 2.43	+40 13 3.3	9.999433
Mailand Gr. Turm . .	120	+45 27 59.4	−0 36 45.89	− 6.04	+45 16 23.8	9.999268
Manila	3	+14 35 25	−8 3 50	−79.48	+14 29 47	9.999908
Mannheim Zentr. d. Stw.	98	+49 29 11.0	−0 33 50.42	− 5.56	+49 17 43.5	9.999164
Marburg	248	+50 48 46.9	−0 35 4.9	− 5.76	+50 37 25.0	9.999141
Mare Island Calif. .	18	+38 5 55.8	+8 9 5.59	+80.35	+37 54 40.8	9.999447
Markree (Col. Cooper) .	45	+54 10 31.7	+0 33 48.4	+ 5.56	+53 59 30.7	9.999043
Marseille (N. St.) M.-Kr.[1]	75	+43 18 19.1	−0 21 34.56	− 3.54	+43 6 44.8	9.999320
Melbourne	28	−37 49 53.1	−9 39 54.17	−95.26	−37 38 39.6	9.999454
Meudon	162	+48 48 18	−0 8 55.5	− 1.46	+48 36 48	9.999185
Mexico	2277	+19 26 1.3	+6 36 26.71	+65.13	+19 18 45.9	9.999995
Middletown Conn. .	—	+41 33 16.0	+4 50 37.2	+47.74	+41 21 45.7	9.999359
Modena	63	+44 38 52.8	−0 43 42.8	− 7.18	+44 27 17.2	9.999285
Moncalieri	—	+44 59 51	−0 30 49	− 5.06	+44 48 15	9.999272
Montreal	20	+45 30 17.0	+4 54 18.65	+48.35	+45 18 41.4	9.999260
Mt. Hamilton (Lick) Mkr.	1283	+37 20 25.6	+8 6 34.85	+79.94	+37 9 15.2	9.999552
Mt. Wilson Calif. . .	1731	+34 12 59.5	+7 52 14.33	+77.57	+34 2 13.3	9.999658
Moskau Mer.-Kr. . . .	142	+55 45 19.5	−2 30 17.03	−24.69	+55 34 31.5	9.999012
Mundenheim[2]) . . .	—	+49 27 30	−0 33 44	− 5.54	+49 16 2	9.999158
München West-Kuppel	529	+48 8 45.5	−0 46 26.02	− 7.63	+47 57 13.8	9.999227
Münster	72	+51 57 45.8	−0 30 29.66	− 5.01	+51 46 30.0	9.999100
Nashville (Vanderbilt Obs.)	—	+36 8 58.2	+5 47 12.81	+57.04	+35 57 56.1	9.999494
Natal	79	−29 50 46.6	−2 4 1.18	−20.37	−29 40 47.0	9.999645
Neapel (Capo di M.) . .	164	+40 51 45.4	−0 57 1.38	− 9.37	+40 40 17.3	9.999388
Neuchâtel	488	+46 59 50.6	−0 27 49.75	− 4.57	+46 48 16.5	9.999254
New Haven (Neue Stw.)[3])	40	+41 19 22.3	+4 51 40.53	+47.92	+41 7 52.7	9.999368
New York (Rutherfurd)	—	+40 43 48.5	+4 55 56.66	+48.62	+40 32 20.9	9.999380
New York (Columb. C.)	—	+40 45 23.1	+4 55 53.73	+48.61	+40 33 55.4	9.999379
Nikolajew	55	+46 58 22.1	−2 7 53.76	−21.01	+46 46 47.9	9.999225
Nizza Kl. Mer.-Kr.[4]) . .	378	+43 43 16.9	−0 29 12.15	− 4.79	+43 31 42.0	9.999330
Northfield (Goodsell Obs.)	286	+44 27 41.6	+6 12 36.0	+61.21	+44 16 6.1	9.999305
Oakland Californ.[5]) .	11	+37 48 5	+8 9 6.3	+80.35	+37 36 52	9.999454

[1]) Seit 1866. Alte Sternwarte 30″.1 südlich, 6s.2 westlich; 29m. — [2]) Dr. Max Mündler. — [3]) Yale University. Alte Sternwarte 45″.8 südlich, 1s.58 westlich. — [4] Herr R. Bischofsheim. — [5]) Chabot Observatory.

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Odessa (Univ.-Stw.) Mer.-Kr.	55	+46 28 36.2	— 2 3 2.05	—20.21	+46 17 1.3	9.999237
Odessa (Filiale Pulkowa)	—	+46 28 36.0	— 2 3 2.19	—20.21	+46 17 1.1	9.999234
Ogden Utah	—	+41 13 8.6	+ 7 27 59.65	+73.60	+41 1 39.3	9.999368
O-Gyalla Astroph. Obs.[1])	113	+47 52 27.3	— 1 12 45.49	—11.95	+47 40 54.9	9.999206
Olmütz[2])	—	+49 35 43	— 1 9 8	—11.35	+49 24 16	9.999154
Oslo (Christiania) Mer.-K .	25	+59 54 43.7	— 0 42 53.51	— 7.04	+59 44 39.2	9.998908
Ottawa	84	+45 23 37.3	+ 5 2 51.93	+49.75	+45 12 1.7	9.999267
Oxford (Radcl. Obs.) . .	65	+51 45 35.4	+ 0 5 2.6	+ 0.83	+51 34 18.5	9.999104
Oxford (Univers.) . . .	64	+51 45 34.2	+ 0 5 0.4	+ 0.82	+51 34 17.3	9.999104
Oxford Mississippi .	—	+34 22 12.6	+ 5 58 7.1	+58.83	+34 11 25.1	9.999536
Padua Mauer-Quadr. . .	31	+45 24 1.0	— 0 47 29.15	— 7.80	+45 12 25.4	9.999263
Palermo	76	+38 6 44.0	— 0 53 25.80	— 8.78	+37 55 28.9	9.999451
Paramatta	—	—33 48 49.8	—10 4 0.2	—99.22	—33 38 7.3	9.999550
Paris (Obs. nat.) Mer. Cassini	59	+48 50 11.2	— 0 9 20.94	— 1.53	+48 38 41.5	9.999177
Paris (Montsouris) westl. Mer.	—	+48 49 18.0	— 0 9 20.70	— 1.53	+48 37 48.2	9.999174
Parma (Univ.-Stw.) Turm.	—	+44 48 4.7	— 0 41 18.79	— 6.39	+44 36 29.1	9.999277
Peking	—	+39 54 23.0	— 7 45 52.87	—76.53	+39 42 58.7	9.999401
Perth West.-Austr. . .	60	—31 57 9.6	— 7 43 21.74	—76.12	—31 46 45.8	9.999597
Petersburg (Leningrad) (Akademie) .	20	+59 56 29.7	— 2 1 13.35	—19.91	+59 46 25.5	9.998907
Petersburg (Leningrad) (Univers.) .	4	+59 56 32.0	— 2 1 11.3	—19.91	+59 46 27.8	9.998906
Philadelphia (Alte Stw.)	—	+39 57 7.5	+ 5 0 38.49	+49.39	+39 45 43.0	9.999400
Philadelphia[3]) . . .	74	+39 58 2.1	+ 5 1 6.6	+49.47	+39 46 37.5	9.999404
Plonsk[4])	—	+52 37 40.0	— 1 21 31.9	—13.39	+52 26 28.2	9.999078
Pola	32	+44 51 48.6	— 0 55 22.96	— 9.10	+44 40 12.9	9.999277
Porto Alegre[5]) Mer.-Kr.	—	—30 1 51	+ 3 24 53.2	+33.66	—29 51 49	9.999636
Portsmouth	—	+50 48 3	+ 0 4 24.8	+ 0.73	+50 36 41	9.999124
Potsdam (Astrophys. Obs.)	97	+52 22 56.0	— 0 52 15.86	— 8.58	+52 11 42.7	9.999091
Potsdam (Geod. Inst.) Turm	97	+52 22 54.8	— 0 52 16.12	— 8.58	+52 11 41.5	9.999091
Poughkeepsie[6]) . . .	46	+41 41 18	+ 4 55 33.6	+48.56	+41 29 47	9.999359
Prag (Univ.-Stw.) Turm .	197	+50 5 16.0	— 0 57 40.29	— 9.47	+49 53 50.9	9.999155
Prag (Safarik)	—	+50 4 24	— 0 57 48	— 9.49	+49 52 59	9.999142
Princeton N. J. (N. Stw.)[7])	76	+40 20 55.8	+ 4 58 39.53	+49.06	+40 9 29.7	9.999395
Providence[8])	64	+41 49 46.4	+ 4 45 37.62	+46.92	+41 38 15.2	9.999356
Pulkowa Zentr. d. Stw.	75	+59 46 18.7	— 2 1 18.58	—19.93	+59 36 12.5	9.998914
Quebec Canada . . .	94	+46 48 17.3	+ 4 44 49.4	+46.79	+46 36 42.9	9.999232
Quito	2846	— 0 14 0	+ 5 15 20	+51.80	— 0 13 54	0.000194

[1]) Stiftung von Konkoly. — [2]) Herr von Unkrechtsberg. — [3]) Flower Obs. (Univ. of Pennsylvania). — [4]) Dr. Jedrzejewicz; 1898 nach Warschau verlegt. — [5]) Observatorio Regional do Rio Grande do Sul. — [6]) Vassar College. — [7]) Alte Sternwarte 2″.0 nördlich, 1s.94 östlich; 65m. — [8]) Seagrave Ladd Observatory 35″ nördlich, 1s.57 östlich.

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Riga (Polytechnikum) Turm	—	+56 57 7	— 1 36 28.11	−15.84	+56 46 30	9.998974
Rio de Janeiro . . .	63	−22 54 23.7	+ 2 52 41.52	+28.37	−22 46 6.0	9.999784
Rio de Janeiro (N. Stw.)	33	−22 53 41	+ 2 52 53.5	+28.40	−22 45 24	9.999782
Rochester (Lewis Swift)	172	+43 9 16.8	+ 5 10 21.87	+50.98	+42 57 42.7	9.999330
Rom (Coll. Rom.) Mer.-Kr.	59	+41 53 53.6	— 0 49 55.36	— 8.19	+41 42 22.3	9.999354
Rom (Capitol) Mer.-Kr. . .	63	+41 53 33.5	— 0 49 56.34	— 8.20	+41 42 2.2	9.999355
Rom (Vatican) Mer.-Kr. . .	100	+41 54 12.4	— 0 49 48.26	— 8.18	+41 42 41.1	9.999357
Rousdon	157	+50 42 38	+ 0 11 58.9	+ 1.96	+50 31 16	9.999137
Rugby	117	+52 22 7	+ 0 5 2.0	+ 0.83	+52 10 54	9.999093
St. Louis Missouri . .	—	+38 38 3.6	+ 6 0 49.15	+59.28	+38 26 45.5	9.999433
San Fernando	31	+36 27 40.4	+ 0 24 49.37	+ 4.08	+36 16 36.1	9.999488
San Francisco[1]) . . .	—	+37 47 28.0	+ 8 9 42.81	+80.45	+37 36 14.8	9.999453
Santiago de Chile (N. St.)	519	−33 26 42.0	+ 4 42 46.4	+46.44	−33 16 3.0	9.999594
Santiago de Chile (A. St.)	619	−33 26 25.4	+ 4 42 36.9	+46.42	−33 15 46.4	9.999600
Scarborough	—	+54 16 30	+ 0 1 38.9	+ 0.27	+54 5 30	9.999038
Schwerin	—	+53 37 37.9	— 0 45 40.80	— 7.50	+53 26 32.9	9.999054
Seeberg[2])	356	+50 56 5.2	— 0 42 55.10	— 7.05	+50 44 44.0	9.999145
Sétif	1113	+36 11 19	— 0 21 38.3	— 3.55	+36 0 17	9.999569
Simeïs	—	+44 24 11.1	— 2 15 58.1	−22.34	+44 12 35.6	9.999287
Sonneberg (Hoffmeister)	405	+50 21 29.5	— 0 44 42.87	— 7.34	+50 10 5.5	9.999163
South Hadley	76	+42 15 18.2	+ 4 50 20.38	+47.70	+42 3 45.9	9.999346
Speyer	—	+49 18 55.2	— 0 33 45.51	— 5.54	+49 7 27.1	9.999161
Stockholm Mer.-Kreis .	44	+59 20 32.7	— 1 12 13.97	−11.86	+59 10 21.4	9.998922
Stonyhurst	116	+53 50 40.0	+ 0 9 52.7	+ 1.62	+53 39 36.5	9.999056
Straßburg (Prov. Stw.) .	161	+48 34 54.0	— 0 31 2.37	— 5.10	+48 23 23.5	9.999191
Straßburg (N. St.). M.-Kr.[3])	144	+48 35 0.4	— 0 31 4.53	— 5.10	+48 23 29.9	9.999190
Sydney	44	−33 51 41.1	—10 4 49.60	−99.35	−33 40 58.2	9.999551
Tacubaya[4])	2322	+19 24 17.5	+ 6 36 46.53	+65.18	+19 17 2.6	9.999998
Tartu (Dorpat, Jurjew) Mer.-Kr.	73	+58 22 47.1	— 1 46 53.23	−17.56	+58 12 25.0	9.998946
Taschkent	457	+41 19 31.3	— 4 37 10.69	−45.53	+41 8 1.7	9.999396
Taunton Mass. (Metcalf) .	8	+41 54	+ 4 44 20	+46.71	+41 42	9.999351
Teramo (Cerulli)	398	+42 39 27	— 0 54 56	— 9.02	+42 27 54	9.999358
Tokio	—	+35 39 17.5	— 9 18 58.73	−91.82	+35 28 19.2	9.999506
Toronto	108	+43 39 35.9	+ 5 17 34.69	+52.17	+43 28 1.1	9.999313
Tortosa (Ebro-Stw.) M.-Kr.	—	+40 49 14	— 0 1 58.5	— 0.32	+40 37 46	9.999378
Toulouse	194	+43 36 45.3	— 0 5 51.0	— 0.96	+43 25 10.6	9.999320

[1]) Davidson Observatory. — [2]) Alte Sternwarte, 1857 nach Gotha verlegt. — [3]) Seit Anfang 1881. — [4]) Seit März 1883, früher in Chapultepec.

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Triest	23	+45 38 45.4	— 0 55 2.90	— 9.04	+45 27 9.9	9.999256
Troy N. Y.	—	+42 43 52.9	+ 4 54 44.6	+ 48.42	+42 32 19.6	9.999329
Tsingtau (Met. astr. Stat.) .	—	+36 4 11.3	— 8 1 16.21	— 79.06	+35 53 9.8	9.999496
Tulse Hill (W. Huggins) .	53	+51 26 47.0	+ 0 0 27.7	+ 0.08	+51 15 28.4	9.999111
Turin Mer.-Kr.	276	+45 4 7.9	— 0 30 47.15	— 5.06	+44 52 32.2	9.999288
Turin (Pino Torinese) . .	618	+45 2 16.3	— 0 31 5.95	— 5.11	+44 50 40.6	0.999312
Twickenham (G. Bishop) .	—	+51 27 4.2	+ 0 1 13.1	+ 0.20	+51 15 45.6	9.999108
Upsala (N. Stw.) Pass.-Instr.	21	+59 51 29.4	— 1 10 30.13	— 11.58	+59 41 24.2	9.998909
Urbana Jll.	236	+40 6 20.2	+ 5 52 53.97	+ 57.97	+39 54 55.1	9.999412
Utrecht	12	+52 5 9.5	— 0 20 31.6	— 3.37	+51 53 54.4	9.999093
Valkenburg (Ignatius Coll.)	—	+50 52 29.3	— 0 23 19.91	— 3.83	+50 41 7.8	9.999122
Venedig	15	+45 26 10.5	— 0 49 22.12	— 8.11	+45 14 34.9	9.999261
Warschau[1]) Zentr. d. Stw.	110	+52 13 4.6	— 1 24 7.25	— 13.82	+52 1 50.3	9.999096
Warschau[2])	—	+52 13 10	— 1 24 5	— 13.81	+52 1 56,	9.999088
Washington (Alte Stw.) .	31	+38 53 38.9	+ 5 8 12.13	+ 50.63	+38 42 19.4	9.999428
Washington (Neue Stw.) .	82	+38 55 14.0	+ 5 8 15.80	+ 50.64	+38 43 54.4	9.999431
Washington (Kath. Univ.) .	—	+38 56 14.8	+ 5 8 0.0	+ 50.60	+38 44 55.1	9.999425
Wellington Transit Instr.[3])	127	—41 17 3.8	—11 39 4.27	—114.84	—41 5 34.3	9.999375
Wellington (Mt. Cook Obs.)[4])	44	—41 16 47.1	—11 39 5.31	—114.84	—41 5 17.6	9.999369
West Point N.Y. (N. Stw.)[5])	170	+41 23 22.1	+ 4 55 50.6	+ 48.60	+41 11 52.3	9.999375
Whitestone (Field Obs.) .	—	+40 47 21.6	+ 4 55 7.7	+ 48.48	+40 35 53.8	9.999379
Wien (Alte Sternw.)	167	+48 12 35.5	— 1 5 31.61	— 10.76	+48 1 3.9	9.999201
Wien (Josephstadt)[6]) . . .	214	+48 12 53.8	— 1 5 25.17	— 10.74	+48 1 22.2	9.999204
Wien (Neue Sternw.) Zentr. .	240	+48 13 55.4	— 1 5 21.36	— 10.73	+48 2 23.9	9.999205
Wien (Ottakring)[7])	285	+48 12 46.7	— 1 5 10.97	— 10.71	+48 1 15.1	9.999209
Wien (Mil. Geogr. Inst.) . .	—	+48 12 40.0	— 1 5 26.25	— 10.75	+48 1 8.4	9.999189
Wien (Techn. Hochschule) .	—	+48 11 58.5	— 1 5 29.71	— 10.76	+48 0 26.9	9.999190
Wilhelmshaven Mer.-Kr.	9	+53 31 52.1	— 0 32 35.06	— 5.35	+53 20 46.4	9.999057
Williams-Bay Wisc.[8]) .	335	+42 34 12.6	+ 5 54 13.28	+ 58.19	+42 22 39.6	9.999356
Williamstown Mass. . .	213	+42 42 49	+ 4 52 53.5	+ 48.12	+42 31 16	9.999344
Williamstown Vict. . .	—	—37 52 7.2	— 9 39 38.1	— 95.22	—37 40 53.5	9.999451
Wilna Pass.-Instr.	122	+54 40 59.1	— 1 41 8.76	— 16.61	+54 30 2.1	9.999036
Windsor N. S. W.[9]) . .	16	—33 36 30.8	—10 3 20.77	— 99.11	—33 25 50.2	9.999556
Zô-sè China	100	+31 5 48	— 8 4 44.80	— 79.63	+30 55 34	9.999619
Zürich Meridian-Kreis . .	468	+47 22 38.3	— 0 34 12.3	— 5.62	+47 11 4.8	9.999242

[1]) Universitäts-Sternwarte. — [2]) Dr. Jedrzejewicz; seit 1898, früher in Plonsk. — [3]) Hector Observatory. — [4]) 1884 abgebrochen. — [5]) Seit 1883. Alte Sternwarte 9″ nördlich, 1s.2 östlich. — [6]) von Oppolzers Sternwarte. — [7]) v. Kuffner. — [8]) Yerkes Observatory. — [9]) J. Tebbutt. Neue Sternwarte, 0″.4 südlich von der alten.

Normalzeiten der wichtigeren Länder

a) An den Meridian von Greenwich angeschlossen

Normalzeit	Bezeichnung	Staaten
$11^h 30^m$ O.	—	Neu Seeland
10 0	Ostaustralische Z.	Victoria, Neu Süd-Wales, Queensland, Tasmanien
9 30	—	Süd-Australien
9 0	—	Japan, Korea
8 0	Ostchinesische Küsten-Z.	Ostküste von China, West-Australien
7 0	Südchinesische Küsten-Z.	Südküste von China, Franz. Indochina
5 30	—	Ostindien
2 30	—	Deutsch Ostafrika
2 0	Osteuropäische Z.	Finnland, Estland, Bulgarien, Rumänien, Türkei, Ägypten, Süd-Afrika
1 0	Mitteleuropäische Z. (M. E. Z.)	Dänemark, Deutschland, Italien, Luxemburg, Norwegen, Österreich, Ungarn, Schweden, Schweiz, Jugoslawien, Polen, Deutsch Südwest-Afrika
0 0	Westeuropäische Z. (Greenwich Z.)	Belgien, Frankreich, Großbritannien und Irland, Portugal, Spanien, Gibraltar, Algerien
3 0 W.	—	Ost-Brasilien
4 0	Atlantic St. Time	Mittel-Brasilien, Argentinien, Uruguay, Canada (Küste)
4 30	—	Venezuela
5 0	Eastern St. Time	Canada (Quebec, Ontario bis 82° 30′ westl.), Vereinigte Staaten (Ost-Zone), Chile, Panama, Peru, West-Brasilien
6 0	Central St. Time	Zentral-Zone von Canada und Vereinigte Staaten, Ostmexico
7 0	Mountain St. Time	Gebirgszone von Canada und Vereinigte Staaten, Westmexico
8 0	Pacific St. Time	Vereinigte Staaten (Pacifische Küste), Britisch Kolumbien
10 30	—	Sandwich Inseln

b) Nicht an den Meridian von Greenwich angeschlossen

Staaten	Meridian	Längendifferenz gegen Greenwich	Staaten	Meridian	Längendifferenz gegen Greenwich
Columbien	Bogota	$4^h 56^m 54^s.2$ W.	Niederlande	Amsterdam	$0^h 19^m 30^s.5$ O.
Ecuador	Quito	5 14 6.7 W.	Rußland	Pulkowa	2 1 18.6 O.
Griechenland	Athen	1 34 52.9 O.			

Besondere Erläuterungen zu den Angaben und zum Gebrauch des Jahrbuchs.

Das Jahrbuch gibt die Örter der *Wandelsterne* in geozentrischen und in heliozentrischen Koordinaten. Die Zeitpunkte, für die sie gelten, sind, wenn nicht ausdrücklich eine andere Zeit angegeben wird, in Welt-Zeit ausgedrückt; **Welt-Zeit ist identisch mit Bürgerlicher Zeit Greenwich.** Der bürgerliche Tag beginnt um Mitternacht, die Weltzeit-Stunden sind von 0^h bis 24^h durchgezählt. Die Beziehung zu der bis zum Jahrgang 1924 (einschließlich) im Jahrbuch verwendeten Mittleren Zeit Greenwich besteht darin, daß der astronomische mittlere Tag erst am Mittag des bürgerlichen Tages, also 12^h nach dessen Anfang beginnt. Somit ist 1925 Jan. 1, 0^h Weltzeit gleich 1924 Dez. 31, 12^h Mittlere Zeit Greenwich.

Die Örter der *Fixsterne* sind einmal als wahre, auf das mittlere Äquinoktium des Jahresanfangs bezogen, und dann in Ephemeridenform als scheinbare, auf das instantane wahre Äquinoktium bezogen, gegeben.

Zur Erläuterung ist im einzelnen folgendes zu bemerken:

Sonnenephemeride (S. 2—38).

Der erste Teil der Sonnenephemeride (S. 2—19) gibt auf den linken Seiten für 0^h Welt-Zeit (= Mitternacht Greenwich) an jedem Tage:

1) Die Zeitgleichung = Mittlere Zeit *minus* Wahre Zeit.

2) Die geozentrischen, äquatorialen Koordinaten α, δ des scheinbaren Sonnenorts, bezogen auf das jedesmalige wahre Äquinoktium, zugleich mit der ersten Differenzreihe. Diese Angaben sind direkt mit den Beobachtungen vergleichbar. Die Nutationsglieder kurzer Periode sind, wie im Vorwort erwähnt, in den Koordinaten nicht enthalten.

3) Die halbe Durchgangsdauer der Sonnenscheibe durch den Meridian in Sternzeit.

4) Den geozentrischen Halbmesser H der Sonnenscheibe, d. i. der Winkel, unter dem der Sonnenhalbmesser vom Erdmittelpunkt aus erscheint.

Die rechten Seiten geben:

1) Die Julianische Zeit, d. i. die Anzahl der seit Beginn der Julianischen Periode verflossenen mittleren Sonnentage.

2) Die Sternzeit für 0^h Welt-Zeit.

Um für einen anderen Erdort der westlichen Längendifferenz $\Delta\lambda$ (in Stunden) gegen Greenwich die Sternzeit in seiner Mitternacht zu erhalten, ist zu diesen Angaben zuzulegen: $9^s.8565\,\Delta\lambda$. Diese Werte finden sich unter der Überschrift: »Korr. der Sternzeit« im Verzeichnis der Sternwarten.

3) Die geozentrischen ekliptikalen Koordinaten λ, β des wahren Sonnenorts, bezogen auf das mittlere Äquinoktium des Jahresanfangs, sowie log R, den Logarithmus der Entfernung R der Erde von der Sonne. Diese Angaben finden bei Bahnberechnungen u. dergl. Verwendung.

4) Die bürgerlichen Ortszeiten des Aufgangs und Untergangs der Sonne für einen Ort des Nullmeridians in $+50^0$ Breite; sie sind mit der Horizontalrefraktion $34'.9$ berechnet und gelten für den oberen Rand der Sonne. Um daraus für einen beliebigen anderen Ort zwischen $+30^0$ und $+60^0$ geographischer Breite die entsprechenden Angaben zu erhalten, ist die Tabelle S. 442, 443 zu benutzen.

Auf S. 20—37 folgen, bezogen auf das mittlere Äquinoktium des Jahresanfangs, die rechtwinkligen geozentrischen äquatorialen Sonnenkoordinaten für 0^h und 12^h Welt-Zeit mit ihren ersten Differenzen. Am Fuß der Seite 37 finden sich die Zeiten für die Anfänge der Jahreszeiten und für das Peri- und Apogäum der Sonne.

Die Seite 38 enthält die Aberration, Parallaxe, mittlere Länge $L_\odot$ und mittlere Anomalie $M_\odot$ der Sonne im Intervall von je 10 Tagen.

Mondephemeride (S. 39—57).

Seite 39 enthält die Zeitangaben für die Phasen und das Peri- und Apogäum des Mondes.

Die Mondephemeride (S. 40—57) gibt auf den linken Seiten für 0^h Welt-Zeit (= Mitternacht Greenwich):

1) Die scheinbare Rektaszension und Deklination des Mondmittelpunktes mit den ersten Differenzen.

2) Die Äquatorial-Horizontalparallaxe $p_☾$ des Mondes.

3) Den geozentrischen Mondhalbmesser $r_☾$, d. i. der Winkel, unter dem der Mondhalbmesser vom Erdmittelpunkt aus erscheint.

4) Die Länge und Breite des Mondes, abgekürzt auf $0^0.001$.

Die rechten Seiten enthalten:

1) Für den oberen Durchgang des Mondes durch den Meridian von Greenwich die genäherten Angaben für die Rektaszension, Deklination und Parallaxe des Mondmittelpunktes, sowie die bürgerliche Greenwicher Zeit dieses Durchgangs, nebst den Änderungen für 1^h Längendifferenz.

2) Die bürgerlichen Ortszeiten des Aufgangs und Untergangs des Mondes für einen Ort des Nullmeridians in $+50^0$ Breite nebst Änderung für 1^h Längendifferenz; sie sind mit der Horizontalrefraktion $34'.9$ und der

Parallaxe 57′.0 berechnet und gelten für den oberen Rand des Mondes. Um daraus für einen beliebigen anderen Ort zwischen $+30^0$ und $+60^0$ geographischer Breite die entsprechenden Angaben zu erhalten, ist die Tabelle S. 444, 445 zu benutzen.

Ephemeriden der Grossen Planeten
(S. 58—112).

Die geozentrischen Örter der Planeten sind für Merkur, Venus, Mars, Jupiter, Saturn von Tag zu Tag, für Uranus und Neptun von 4 zu 4 Tagen mit ihren ersten Differenzen gegeben, und zwar in scheinbaren, d. h. auf das momentane wahre Äquinoktium bezogenen Koordinaten des scheinbaren Orts, für 0^h Welt-Zeit (= Mitternacht Greenwich). Die letzte Spalte gibt die bürgerliche Zeit (Greenwich) der oberen Kulmination in Greenwich.

Für die Reduktion und die Vergleichung der Planetenbeobachtungen mit der Ephemeride ist die Kenntnis der scheinbaren Halbmesser erforderlich. Man kann für dieselben in der Einheit der Entfernung annehmen:

für	Merkur	Halbmesser	. . . . .	3″.34		
»	Venus	»	. . . . .	8.78		
»	Mars	»	. . . . .	4.68		
»	Jupiter	»	(Äquatorial)	99.8,	(Polar)	92″.6
»	Saturn	»	(Äquatorial)	81.4,	(Polar)	73.4
»	Uranus	»	. . . . .	34.7		
»	Neptun	»	. . . . .	45		

Die heliozentrischen Ephemeriden der Planeten (S. 109—112) geben den Log. des Radiusvector, die Länge, deren Reduktion auf die Bahn und die Breite bezogen auf das mittlere Äquinoktium 1925.0.

☊ und *i* stellen die Bahnlage für die Epoche 1925.0 und das Normaläquinoktium 1925.0 dar.

Die Genauigkeit und Ausführlichkeit dieser heliozentrischen Angaben sind ihrem Hauptzweck, zur Berechnung der speziellen Störungen zu dienen, angepaßt.

Die beigefügten Werte der Planetenmassen sind die den Tafeln von Newcomb und von Hill zugrunde liegenden. Für die Erde ist noch besonders zu erwähnen, daß die Masse von »Erde + Mond« gegeben ist, Radiusvector und heliozentrische Länge sich auf den Schwerpunkt des Systems »Erde + Mond« beziehen.

Mittlere Örter von 925 Fixsternen (S. 114—137).

Die mittleren Örter der 925 Fixsterne sind aus den Daten der Veröffentlichung Nr. 33 des *Königlichen Astronomischen Rechen-Instituts* mit den daselbst angegebenen Hilfsgrößen für Präzession und Eigenbewegung abgeleitet worden. Nur die mittleren Örter der 20 Polsterne sind durch numerische Integration berechnet.

Ein * hinter der *FK* No. weist auf eine Anmerkung am Fuß der Seite hin.

Unter Gr. stehen die visuellen Größen, welche aus der »Revised Harvard Photometry« in »Harvard Annals, vol. 50« entnommen sind, sofern nichts Anderes bemerkt ist. Wo für einen Stern zwei Größen gegeben sind, beziehen sich diese auf die Komponenten eines Doppelsterns. Die in den Anmerkungen gegebenen Größen für Doppelsternkomponenten und für die Extrema der Veränderlichen sind dem »Henry Draper Catalogue« entnommen.

Die Spektren sind aus dem Draper Katalog übernommen worden. Zusammengesetzte Spektren sind durch + gekennzeichnet. In anderen Fällen beziehen sich, wo 2 Spektren gegeben sind, diese auf die Komponenten eines Doppelsterns.

Scheinbare Örter von 573 Fixsternen (S. 138—337).

Die scheinbaren Örter der Fixsterne sind für den Moment der oberen Kulmination im Greenwicher Meridian gegeben und enthalten die kurzperiodischen Mondglieder der Nutation n i c h t; nur bei den 18 Polsternen ist deren Betrag gesondert unter der Überschrift ☾Gl. gegeben.

Zunächst werden die scheinbaren Örter von 555 Sternen von 10 zu 10 Sterntagen gegeben; in den linken Randspalten jeder Seite findet sich die Welt-Zeit (bürgerliche Zeit Greenwich) der Kulmination.

Es folgen die scheinbaren Örter für 18 weniger als 10° von den Polen entfernte Sterne für jede obere Kulmination. Die Anordnung ist eine derartige, daß für jeden Zeitraum einer Seite sämtliche 9 (entweder nördliche oder südliche) Polsterne nebeneinander aufgeführt sind, wie es für den Gebrauch am geeignetsten erscheint. Die Glieder z w e i t e r Ordnung der »Reduktion auf den scheinbaren Ort« sind berücksichtigt.

Am Fuß der Ephemeriden ist der mittlere Ort eines jeden Sterns für den Anfang des Jahres, außer für die Polsterne, wieder angegeben, dazu die Werte von sec δ und tg δ, welche bei der Reduktion der

Meridianbeobachtungen nach der hierfür am zweckmäßigsten erscheinenden Besselschen Formel gebraucht werden.

Die jährliche Parallaxe ist bei folgenden Sternen berücksichtigt, bei denen sie 0″.20 übersteigt und hinreichend verbürgt erscheint, nämlich:

Nr. 59	τ Ceti	mit 0″.31		Nr. 538	α Centauri	mit 0″.75
Nr. 127	ε Eridani	» 0.32		Nr. 745	α Aquilae	» 0.23
Nr. 257	α Can. maj.	» 0.38		Nr. 793	61 Cygni	» 0.30
Nr. 291	α Can. min.	» 0.33				

Von den nicht mit Ephemeriden versehenen Sternen des F. K. besitzt noch Nr. 825, ε Indi eine Parallaxe von 0″.25.

Reduktionsgrössen (S. 338—388).

Auf die scheinbaren Örter der Sterne folgt S. 338 eine Zusammenstellung der Werte, mit welchen die Reduktionsgrößen der darauf folgenden Tafeln berechnet sind, und der Formeln für die Reduktion auf den scheinbaren Ort.

Die Größen zur »Reduktion auf den scheinbaren Ort« sind in ihrer *ersten* Form: A, B, C, D, E; A', B' gegeben für 12^h Sternzeit des Meridians von Greenwich:

1) Auf S. 339 im Intervall von 10 Sterntagen.

Diese Tafel soll zur Berechnung von Sternephemeriden für die Epochen der Meridiandurchgänge dienen. Wegen ihrer logarithmischen Form und des großen Intervalls ist die Tafel zur Interpolation nicht geeignet. Man wird deshalb zweckmäßig die Interpolation erst nach der Summierung der einzelnen unmittelbar für die Epochen der Tafel berechneten Glieder vornehmen.

2) Auf S. 358—366 für jeden Sterntag. Hier sind die numerischen Werte von A, B, C und D mit ihren Differenzen gegeben und die kurzperiodischen Mondglieder A' und B' mit angeführt.

Beiden Tafeln ist in einer Spalte die dem festen Sternzeitmoment jedesmal entsprechende Welt-Zeit (bürgerliche Zeit Greenwich) vorangestellt; man wird hiernach auf jeden beliebigen Zeitpunkt, gegeben durch Datum, Sternzeit und Längendifferenz gegen Greenwich, übergehen können. Eine weitere Spalte gibt die seit Beginn des annus fictus verflossene Zeit in Bruchteilen des tropischen Jahres.

Die Reduktionsgrößen der *zweiten* Form: f, log g, G, log h, H, log i (und i), sowie f', g' und G' sind S. 340—357 von Tag zu Tag für 0^h Welt-Zeit (= Mitternacht Greenwich) gegeben.

Da die Werte log g und G für die Monate April, Mai und Juni nicht gut interpoliert werden können, so berechne man sie aus den nachstehenden Größen $g \sin G$ und $g \cos G$.

1927	$g \sin G$	$g \cos G$	1927	$g \sin G$	$g \cos G$	1927	$g \sin G$	$g \cos G$
April 10	−0.″244	−1.″711	Mai 8	−0.″019	−0.″367	Juni 5	+0.″166	+1.″385
11	−0.240	−1.670	9	−0.009	−0.312	6	+0.166	+1.454
12	−0.236	−1.628	10	+0.001	−0.256	7	+0.167	+1.524
13	−0.231	−1.586	11	+0.011	−0.199	8	+0.167	+1.593
14	−0.225	−1.543	12	+0.020	−0.141	9	+0.166	+1.663
15	−0.220	−1.499	13	+0.030	−0.083	10	+0.165	+1.732
16	−0.214	−1.455	14	+0.039	−0.025	11	+0.163	+1.802
17	−0.208	−1.412	15	+0.048	+0.033	12	+0.161	+1.872
18	−0.201	−1.368	16	+0.057	+0.093	13	+0.158	+1.942
19	−0.194	−1.323	17	+0.065	+0.154	14	+0.155	+2.012
20	−0.186	−1.278	18	+0.073	+0.215	15	+0.151	+2.083
21	−0.179	−1.232	19	+0.081	+0.277	16	+0.146	+2.153
22	−0.171	−1.186	20	+0.088	+0.339	17	+0.141	+2.224
23	−0.163	−1.139	21	+0.096	+0.401	18	+0.135	+2.295
24	−0.154	−1.092	22	+0.104	+0.464	19	+0.129	+2.366
25	−0.146	−1.044	23	+0.111	+0.528	20	+0.122	+2.436
26	−0.137	−0.995	24	+0.118	+0.592	21	+0.114	+2.507
27	−0.128	−0.946	25	+0.124	+0.655	22	+0.106	+2.578
28	−0.118	−0.896	26	+0.130	+0.719	23	+0.097	+2.649
29	−0.109	−0.845	27	+0.135	+0.784	24	+0.087	+2.720
30	−0.099	−0.794	28	+0.140	+0.850	25	+0.077	+2.792
Mai 1	−0.089	−0.743	29	+0.145	+0.917	26	+0.066	+2.863
2	−0.079	−0.691	30	+0.149	+0.983	27	+0.055	+2.934
3	−0.069	−0.639	31	+0.153	+1.049	28	+0.043	+3.005
4	−0.059	−0.587	Juni 1	+0.157	+1.115	29	+0.031	+3.076
5	−0.049	−0.533	2	+0.160	+1.182	30	+0.018	+3.146
6	−0.039	−0.478	3	+0.162	+1.250			
7	−0.029	−0.423	4	+0.164	+1.317			

Auch hier findet sich eine Spalte, t überschrieben, welche die seit Beginn des annus fictus verflossene Zeit in Bruchteilen des tropischen Jahres gibt. Ferner ist die Sternzeit Greenwich für 0^h Welt-Zeit gegeben.

Die Seiten mit ungerader Seitenzahl enthalten außer den schon erwähnten f', g', G' noch folgende Größen:

a) ψ = Allgemeine Präzession seit Jahresanfang.
b) $\Delta\psi$ = Langperiodische Glieder der Nutation in Länge.
c) $\Delta\psi'$ = Kurzperiodische Glieder der Nutation in Länge.
d) ε = Wahre Schiefe der Ekliptik.
e) $\Delta\varepsilon$ = Langperiodische Glieder der Nutation in Schiefe.
f) $\Delta\varepsilon'$ = Kurzperiodische Glieder der Nutation in Schiefe.

Die mittlere Schiefe der Epoche erhält man durch Subtraktion der Gesamtnutation $(\Delta\varepsilon + \Delta\varepsilon')$ von der wahren Schiefe.

Auf S. 367 findet sich eine Tafel der Hilfsgrößen zur Berechnung der Präzession von verschiedenen mittleren Äquinoktien bis 1927.0.

S. 368 enthält eine Tafel der Hilfsgrößen zur Übertragung der Polsternörter von verschiedenen mittleren Äquinoktien auf das mittlere Äquinoktium von 1927.0; die Formeln zur Übertragung der Polsternörter von dem Äquinoktium $t_2 = 1927.0$ auf das Äquinoktium t_1 lauten:

$$a_2 = \alpha_2 - [(m) + (N) - 90^0]$$

$$p_2 = -\left(\operatorname{tang}\delta_2 - \cos a_2 \operatorname{tang}\tfrac{1}{2}(n)\right)\sin(n)$$

$$\operatorname{tang}\Delta a_2 = \frac{p_2 \sin a_2}{1 - p_2 \cos a_2}$$

$$\alpha_1 = a_2 - [90^0 - (N)] + \Delta a_2$$

$$\operatorname{tang}\tfrac{1}{2}(\delta_1 - \delta_2) = -\cos(a_2 + \tfrac{1}{2}\Delta a_2)\sec\tfrac{1}{2}\Delta a_2 \operatorname{tang}\tfrac{1}{2}(n)$$

Die Tafeln auf Seite 370—381 enthalten, in Einheiten der vierten Dezimale, die Größen p, q, r, welche die Bedeutung haben:

$$p = [-g\cos(G+\alpha)\sin\delta - h\cos(H+\alpha)]\cdot \operatorname{arc} 1'$$

$$q = [-g\sin(G+\alpha) \quad - h\sin(H+\alpha)\sin\delta]\cdot \operatorname{arc} 1$$

$$r = [-h\cos(H+\alpha)\cos\delta + i\sin\delta]\cdot \operatorname{arc} 1'$$

Sie dienen dazu, bei Anschlußbeobachtungen die gemessenen scheinbaren Rektaszensions- und Deklinationsdifferenzen in mittlere, für den Jahresanfang geltende, zu verwandeln. Es ist:

Red. der Rektaszensionsdiff. a. d. Jahresanf. $= p\cdot\Delta\alpha^{m}\cdot\sec\delta + q\cdot\Delta\delta'\cdot\frac{1}{15}\sec^2\delta$,

» » Deklinationsdiff. » » » $= -q\cdot 15\cdot\Delta\alpha^{m} + r\Delta\delta'$,

worin $\Delta\alpha^{m}$ die Rektaszensionsdifferenz in Zeitminuten, $\Delta\delta'$ die Deklinationsdifferenz in Bogenminuten bezeichnet. Die Reduktion der gemessenen Rektaszensionsdifferenz ergibt sich in Zeitsekunden die Reduktion der gemessenen Deklinationsdifferenz in Bogensekunden.

Beispiel: 1927 Juni 25

$$\alpha_* = 16^h\ 40^m, \quad \delta_* = +55^\circ\ 26';$$

Objekt—Stern $\Delta\alpha_{app} = +5^m 25^s.80 = +5^m.4$ $\Delta\delta_{app} = -9'\ 16''.2 = -9'.3$

$$\sec\frac{\delta_* + \delta_{Obj}}{2} = 1.76 \qquad \frac{1}{15}\sec^2\frac{\delta_* + \delta_{Obj}}{2} = 0.20 \text{ (nach Seite 369).}$$

Zur Ermittlung der Reduktion von $\Delta\alpha_{app}$ und $\Delta\delta_{app}$ führe man die Rechnung für Juni 15 und Juli 15 aus und ermittele durch Interpolation aus den gefundenen Größen die für Juni 25 geltenden. Für Juni 15 erhält man mit $\frac{\alpha_* + \alpha_{Obj}}{2} = 16^h.71$ und $\frac{\delta_* + \delta_{Obj}}{2} = +55^\circ.4$

$$p = -0.0012,\ q = -0.0041,\ r = -0.0010.$$

Damit werden die gesuchten Reduktionen:

$$(\Delta\alpha)^s = -0.0012 \times 5.4 \times 1.76 + 0.0041 \times 9.3 \times 0.20 = -0^s.004$$

$$(\Delta\delta)'' = +0.0041 \times 15 \times 5.4 + 0.0010 \times 9.3 = +0''.34$$

Analog ergibt sich für Juli 15 mit

$$p = -0.0033,\ q = -0.0026,\ r = -0.0014$$

$$(\Delta\alpha)^s = -0^s.027 \text{ und } (\Delta\delta)'' = +0''.22.$$

Durch Interpolation erhält man

für Juni 25: Reduktion von $\Delta\alpha_{app} = -0^s.012$,
Reduktion von $\Delta\delta_{app} = +0''.30$

und damit $\Delta\alpha_{1927.0} = +5^m\ 25^s.79$, $\Delta\delta_{1927.0} = -9'\ 15''.9$.

Es wird in den meisten Fällen genügen, die Rechnung nur für einen Zeitpunkt, und zwar den der Beobachtungszeit am nächsten liegenden, durchzuführen, in unserem Beispiel also nur für Juni 15.

Auf S. 382—384 sind die rechtwinkligen äquatorialen Sonnenkoordinaten enthalten, bezogen auf das Normaläquinoktium 1925.0, die hauptsächlich zur Berechnung von genaueren Ephemeriden Kleiner Planeten nützlich sind. Die auf den gleichen Seiten gegebenen Größen f, $\log g$ und G dienen zur Übertragung der Örter von dem *mittleren* Normaläquinoktium 1925.0 auf das jedesmalige *wahre* Äquinoktium. Die Berücksichtigung des Einflusses der Variatio saecularis bei dieser Übertragung ist durch die Tafel auf S. 385 gegeben.

Eine Tafel zur Übertragung von Sternörtern vom mittleren Äquinoktium 1927.0 auf das Normaläquinoktium 1925.0 befindet sich auf den Seiten 386—388.

Sonnen- und Mondfinsternisse (S. 390—398).

Über die Verwendung der bei den Sonnenfinsternissen gegebenen Besselschen Elemente zur Vorausberechnung der Phasenzeiten und der Positionswinkel der Kontakte siehe die Erläuterungen zum Jahrbuch 1916, die auch ein durchgeführtes Zahlenbeispiel enthalten.

(μ' ist nicht mehr tabuliert und durchweg $= 15$ anzusetzen.)

Merkurdurchgang (S. 399).

Mondbewegung und Lage des Mondäquators gegen den Erdäquator (S. 400).

Auf S. 400 finden sich:

☊, Aufsteigender Knoten der Mondbahn auf der Ekliptik
$L_☾$, Mittlere Länge des Mondes

$M_{☾}$, Mittlere Anomalie des Mondes
i, Neigung des Mondäquators gegen den Erdäquator
$☊'$, Aufsteigender Knoten des Mondäquators auf dem Erdäquator
$\varDelta$, Stück des Mondäquators zwischen Ekliptik und Erdäquator

☋, der aufsteigende Knoten des Mondäquators auf der Ekliptik ist gleich dem absteigenden Knoten der Mondbahn, also

$$☋ = ☊ \pm 180^0.$$

Vom Jahrgang 1926 ab sind die Brownschen Mondtafeln verwendet. Die Größen i, $\varDelta$ und $☊'$ berechnen sich aus:

$$\sin\frac{1}{2}(\varDelta + ☊')\cos\frac{1}{2}i = \cos\frac{1}{2}(\varepsilon - J)\sin\frac{1}{2}☋$$

$$\cos\frac{1}{2}(\varDelta + ☊')\cos\frac{1}{2}i = \cos\frac{1}{2}(\varepsilon + J)\cos\frac{1}{2}☋$$

$$\sin\frac{1}{2}(\varDelta - ☊')\sin\frac{1}{2}i = \sin\frac{1}{2}(\varepsilon - J)\sin\frac{1}{2}☋$$

$$\cos\frac{1}{2}(\varDelta - ☊')\sin\frac{1}{2}i = \sin\frac{1}{2}(\varepsilon + J)\cos\frac{1}{2}☋;$$

dabei ist J, die Neigung des Mondäquators gegen die Ekliptik, nach F. Hayn (Astr. Nachr. Bd. 199, S. 263) zu $J = 1^0\,32'\,20''$ angenommen worden. Die Zahlen geben die Lage des mittleren Mondäquators (ohne physische Libration).

Die auf S. 400 gemachten Angaben über die Elemente der Mondbahn und des Mondäquators dienen, teilweise in Verbindung mit den Größen $L_{\odot}$ und $M_{\odot}$ auf S. 38, verschiedenen Zwecken:

1) Als Argumente für die Berechnung der Reduktionsgrößen A, B, C, D, E, A', B'.

2) Bei Bestimmung der selenographischen Koordinaten von Punkten der Mondoberfläche (siehe darüber den folgenden Abschnitt).

3) Bei Berechnung der *optischen* und *physischen* Libration des Mondes.

a) Für die Berechnung der *optischen* Libration des Mondes sind alle nötigen Angaben in den Erläuterungen zu den Hilfstafeln unter Nr. 7 (S. 483) gemacht.

b) Die Beträge der *physischen* Mondlibration in selenographischer Länge, der Neigung des Mondäquators und seinem aufsteigenden Knoten auf der Ekliptik τ, ϱ, σ haben die Werte:

$$\tau = -\ 13''\sin M_{☾} + 65''\sin M_{\odot} + 26''\sin 2(L_{☾} - M_{☾} - ☊)$$

$$\varrho = -106''\cos M_{☾} + 34''\cos(2L_{☾} - M_{☾} - 2☊) - 11''\cos 2(L_{☾} - ☊)$$

$$\sigma\sin J = -108''\sin M_{☾} + 34''\sin(2L_{☾} - M_{☾} - 2☊) - 11''\sin 2(L_{☾} - ☊)$$

Diese Zahlenangaben beruhen auf der Annahme $f = 0.73$, worüber F. Hayn (Astr. Nachr. Bd. 199, S. 264) einzusehen ist.

Ephemeride für den Mondkrater Mösting A.

(S. 401—405).

Die Ephemeride des Mondkraters Mösting A dient zwei verschiedenen Zwecken: erstens zur genauen Bestimmung von Mondörtern am Himmel durch Beobachtung des Kraters, zweitens zur Bestimmung der selenographischen Koordinaten weiterer Punkte der Mondoberfläche durch deren mikrometrischen Anschluß an Mösting A.

Sie gilt für 0^h Welt-Zeit (= Mitternacht Greenwich) und enthält für die Tage, an welchen Mösting A innerhalb der Beleuchtungsgrenze liegt, die Unterschiede $\alpha_{☾} - \alpha_k$ in Rektaszension und $\delta_{☾} - \delta_k$ in Deklination zwischen der Mondmitte und dem Krater, vom Erdmittelpunkt aus gesehen, sowie den Logarithmus des Sinus der Äquatorial-Horizontalparallaxe p_k des Kraters, welche von der des Mondes $p_{☾}$ zu unterscheiden ist, mit den zugehörigen Differenzen.

Zur Anwendung der Ephemeride auf Beobachtungen des Kraters interpoliere man $\alpha_{☾} - \alpha_k$, $\delta_{☾} - \delta_k$ und $\log \sin p_k$ mit der Beobachtungszeit. Fügt man alsdann $\alpha_{☾} - \alpha_k$ und $\delta_{☾} - \delta_k$ zum geozentrischen Ort des Kraters (die Parallaxe wird mit p_k und δ_k, der Deklination des Kraters, berechnet), so hat man die geozentrische Rektaszension und Deklination des Mondes für die Beobachtungszeit.

Hat man einen Punkt der Mondoberfläche mikrometrisch an Mösting A angeschlossen, so bestimme man zunächst die topozentrischen, d. h. mit Parallaxe behafteten Koordinatendifferenzen $\alpha'_{☾} - \alpha'_k$ und $\delta'_{☾} - \delta'_k$ zwischen Mondmittelpunkt und Mösting A aus folgenden Identitäten:

$$\alpha'_{☾} - \alpha'_k = \alpha_{☾} - \alpha_k + (\alpha'_{☾} - \alpha_{☾}) - (\alpha'_k - \alpha_k)$$
$$\delta'_{☾} - \delta'_k = \delta_{☾} - \delta_k + (\delta'_{☾} - \delta_{☾}) - (\delta'_k - \delta_k).$$

Verbindet man die so erhaltenen topozentrischen Abstände zwischen der Mondmitte und Mösting A mit den mikrometrischen Messungen zwischen Mösting A und einem zweiten Krater, so erhält man die topozentrische Lage des letzteren gegen die Mondmitte und kann hieraus mit Hilfe von $\alpha'_{☾}$ und $\delta'_{☾}$ und den Angaben auf Seite 400 die selenographische Länge und Breite des zweiten Kraters berechnen. Hierzu dienen die im folgenden angeführten Formeln.

Bezeichnet man mit α' und δ' die topozentrische AR. und Dekl. des an Mösting A angeschlossenen Kraters, so hat man:

$$s \sin \pi_m = (\alpha' - \alpha'_{☾}) \cos \frac{1}{2} (\delta' + \delta'_{☾})$$
$$s \cos \pi_m = \delta' - \delta'_{☾}$$
$$\pi = \pi_m - \frac{1}{2} (\alpha' - \alpha'_{☾}) \sin \frac{1}{2} (\delta' + \delta'_{☾})$$
$$\sin (K + s) = \sin s \operatorname{cosec} h'.$$

h' ist der Abstand des Kraters vom Mondschwerpunkt, gesehen vom Beobachtungsort aus, der aus h, dem vom Erdmittelpunkt aus gesehenen Abstand, durch Anbringen der Parallaxe gewonnen wird. Ist die Entfernung des Kraters vom Mondschwerpunkt gänzlich unbekannt, so möge für h der aus Sternbedeckungen folgende Wert des Mondhalbmessers 15′ 32″.59 (nach J. Peters, Astr. Nachr. Bd. 138, S. 147) eingesetzt werden.

$$\begin{aligned}
\sin d &= -\sin\delta'_{\text{☾}}\cos K + \cos\delta'_{\text{☾}}\sin K\cos\pi \\
\cos d\cos(a-\alpha'_{\text{☾}}) &= -\cos\delta'_{\text{☾}}\cos K - \sin\delta'_{\text{☾}}\sin K\cos\pi \\
\cos d\sin(a-\alpha'_{\text{☾}}) &= \sin K\sin\pi \\
\sin\beta &= \sin d\cos i - \cos d\sin i\sin(a-\Omega') \\
\cos\beta\sin\lambda' &= \sin d\sin i + \cos d\cos i\sin(a-\Omega') \\
\cos\beta\cos\lambda' &= \cos d\cos(a-\Omega') \\
\lambda &= \lambda' - 180^\circ - L_{\text{☾}} - (\Delta - \text{☋}).
\end{aligned}$$

Die so erhaltenen Werte von λ und β beziehen sich auf den mittleren (vom Einfluß der physischen Libration freien) Mondäquator; die Transformation auf den wahren erfolgt durch die Korrektionen:

$$\begin{aligned}
d\lambda = {} & +13''\sin M_{\text{☾}} - 65''\sin M_{\odot} - 26''\sin 2(L_{\text{☾}} - M_{\text{☾}} - \Omega) \\
& + \operatorname{tg}\beta\,[-106''\cos(L_{\text{☾}} - M_{\text{☾}} - \Omega + \lambda) + 34''\cos(L_{\text{☾}} - M_{\text{☾}} - \Omega - \lambda) \\
& - 11''\cos(L_{\text{☾}} - \Omega - \lambda)] \\
d\beta = {} & +108''\sin(L_{\text{☾}} - M_{\text{☾}} - \Omega + \lambda) + 34''\sin(L_{\text{☾}} - M_{\text{☾}} - \Omega - \lambda) \\
& - 11''\sin(L_{\text{☾}} - \Omega - \lambda)
\end{aligned}$$

Bringt man diese Korrektionen $d\lambda$ und $d\beta$ an λ und β an, so erhält man die selenographischen Koordinaten des Kraters:

$$\lambda_0 = \lambda + d\lambda, \qquad \beta_0 = \beta + d\beta$$

Der Berechnung der Ephemeride des Kraters Mösting A liegen folgende von F. Hayn ermittelten Konstanten (Astr. Nachr. Bd. 199, S. 263) zugrunde:

$$\lambda_0 = -5^\circ\ 10'\ 7'', \qquad \beta_0 = -3^\circ\ 11'\ 2''$$
$$h = 15'\ 33''.4$$

Für die Reduktion auf den mittleren Mondäquator wurden die Werte angenommen:

$$\begin{aligned}
d\lambda = {} & -13''\sin M_{\text{☾}} + 65''\sin M_{\odot} + 26''\sin 2(L_{\text{☾}} - M_{\text{☾}} - \Omega) \\
d\beta = {} & -107''\sin(L_{\text{☾}} - M_{\text{☾}} - \Omega + \lambda_0) - 34''\sin(L_{\text{☾}} - M_{\text{☾}} - \Omega - \lambda_0) \\
& + 11''\sin(L_{\text{☾}} - \Omega - \lambda_0),
\end{aligned}$$

so daß die auf den mittleren Mondäquator bezogenen selenographischen Koordinaten des Kraters Mösting A sind:

$$\lambda = \lambda_0 + d\lambda, \qquad \beta = \beta_0 + d\beta.$$

Die Formeln zur Berechnung der Ephemeride siehe in den Erläuterungen zum Jahrbuch 1916.

Jupitertrabanten (S. 406—407).

Die Seiten 406 und 407 enthalten die Zeitangaben (in Welt-Zeit) für die Verfinsterungen der vier älteren Jupitertrabanten in dem Schattenkegel des Jupiter; Ein- und Austritte sind durch beigefügtes E. und A. unterschieden.

Saturnsring (S. 408—411, 422).

Die Angaben für die scheinbare Größe des Saturn und für die Lage und Größe des Saturnsringes haben die folgende Bedeutung:

α Große Achse des Saturn.

β Scheinbare kleine Achse des Saturn.

p_a Phase; positiv, wenn der Ostrand, negativ, wenn der Westrand verdunkelt ist.

a Große Achse der Ringellipse.

b Kleine Achse der Ringellipse; positiv, wenn die nördliche, negativ, wenn die südliche Fläche des Ringes sichtbar ist.

U' Heliozentrische Länge des Saturn, gezählt auf der Ringebene vom aufsteigenden Knoten des Ringes in der Ekliptik an.

B' Erhöhungswinkel der Sonne über der Ringebene vom Saturn aus gesehen; nördlich positiv, südlich negativ.

P' Winkel der kleinen Achse der Ringellipse mit dem durch den Saturnsmittelpunkt gehenden Längenkreise; östlich positiv, westlich negativ.

U Geozentrische Länge des Saturn, gezählt auf der Ringebene vom aufsteigenden Knoten des Ringes im Erdäquator an.

B Erhöhungswinkel der Erde über der Ringebene vom Saturn aus gesehen; nördlich positiv, südlich negativ.

P Winkel der kleinen Achse der Ringellipse mit dem durch den Saturnsmittelpunkt gehenden Stundenkreise; östlich positiv, westlich negativ.

N Aufsteigender Knoten der Ringebene im Erdäquator, gezählt vom Äquinoktium an.

J Neigung der Ringebene gegen den Erdäquator.

ω Entfernung der Ekliptik vom Erdäquator, gemessen auf der Ringebene.

Es liegen folgende Bestimmungen nach Struve zugrunde:

Durchmesser des Saturn in der Entfernung 9.53887

Äquatorial 17″.47 Polar 15″.65

Lage des Saturnsringes gegen die Ekliptik und das Äquinoktium von 1889.25

$$\Omega_1 = 167^\circ\ 57'.0 \quad \text{und} \quad i_1 = 28^\circ\ 5'.6;$$

Durchmesser des Ringes in der Entfernung 9.53887

$$2\,R = 39''.35$$

Saturnstrabanten (S. 412—435).

Alle Berechnungen über die Saturnstrabanten sind mit den von H. Struve in:

I. Beobachtungen der Saturnstrabanten, 1. Abteilung, 1. Supplementheft zu den »*Observations de Poulkova*«;

II. *Publications de l'Observatoire Central Nicolas*, Série II, Vol. XI abgeleiteten, in Astr. Nachr. Bd. 162, S. 325 u. ff. weiter verbesserten Elementen durchgeführt. Für die Halbachsen der 6 inneren Trabanten sind die auf Seite 239 der zweiten Abhandlung mittels der Saturnsmasse $\mu = \frac{1}{3500}$ rechnerisch abgeleiteten Werte angenommen.

Die den Ephemeriden zugrunde liegenden Elemente sind:

MIMAS (II, Seite 195)

Epoche: 1889 April 0.0 Mittl. Zt. Grw.

$$E_0 = 127^0\ 19'.0$$
$$n = 381^0.9945$$
$$\delta l = -44^0.243 \sin(116^0.46 + 5^0.075\,t)$$
$$-0^0.75 \sin 3\,(116^0.46 + 5^0.075\,t)$$
$$l_1 = E_0 + n t_a + \delta l$$
$$\Theta = 54^0.7 - 365^0.3\,t$$
$$\gamma = 1^0\ 36'.5$$
$$\Pi_1 = 107^0.2 + 365^0.3\,t$$
$$e = 0.0190$$
$$a = 26''\,814$$

ENCELADUS (II, Seite 183)

Epoche: 1889 April 0.0 Mittl. Zt. Grw.

$$E_0 = 199^0\ 19'.8$$
$$n = 262^0.73199$$
$$\delta l = +11'.24 \sin(143^0 + 92^0.4\,t)$$
$$+20'.0 \sin(75^0 + 29.3\,t)$$
$$l_1 = E_0 + n t_a + \delta l$$
$$\Theta = 328^0 - 152^0.7\,t$$
$$\gamma = 1'.4$$
$$\Pi_1 = 308^0.38 + 123^0.43\,t$$
$$e = 0.0046$$
$$a = 34''.401$$

TETHYS (II, Seite 195)

Epoche: 1889 April 0.0 Mittl. Zt. Grw.

$$E_0 = 284^0\ 31'.0$$
$$n = 190^0.69795$$
$$\delta l = +118'.90 \sin(116^0.46 + 5^0.075\,t)$$
$$+2'.02 \sin 3\,(116^0.46 + 5^0.075\,t)$$

$$l_1 = E_0 + n t_d + \delta l$$
$$\Theta = 110^0.55 - 72^0.5\, t$$
$$\gamma = 1^0\ 4'.36$$
$$e = 0.0000$$
$$a = 42''.586$$

DIONE (II, Seite 183)

Epoche: 1889 April 0.0 Mittl. Zt. Grw.

$$E_0 = 253^0\ 51'.4$$
$$n = 131^0.534955$$
$$\delta l = -1'.21 \sin(143^0 + 92^0 4\, t)$$
$$\qquad - 2'.13 \sin(\ 75^0 + 29.3\, t)$$
$$l_1 = E_0 + n t_d + \delta l$$
$$\Theta = 276^0 - 31^0.0\, t$$
$$\gamma = 4'.0$$
$$\Pi_1 = 165^0 + 31^0.0\, t$$
$$e = 0.0020$$
$$a = 54''.543$$

RHEA (II, Seite 176)

Epoche: 1889 April 0.0 Mittl. Zt. Grw.

$$E_0 = 358^0\ 23'.8$$
$$n = 79^0.690087$$
$$E - E_0 = +4'.95 \sin(347^0.3 - 10^0.1\, t)$$
$$l = E_0 + n t_d + (E - E_0)$$
$$(\Omega - \Omega_1) \sin i_1 = 19'.77 \sin(347^0\, 3 - 10^0.1\, t) - 0'.38 + 1'.00 \sin(48^0.5 - 0^0.50 t)$$
$$i - i_1 = 19'.77 \cos(347^0\, 3 - 10^0.1\, t) - 2'.79 + 1'.00 \cos(48^0.5 - 0^0.50\, t)$$
$$\Pi = 305^0 + 10^0\, 1\, t$$
$$e = 0.0009$$
$$a = 76''\ 170$$

Ω_1 und i_1 bezeichnen die Lage des Saturnsringes.

TITAN (II, Seite 172)

Epoche: 1890 Jan. 0.0 Mittl. Zt. Grw.

$$E_0 = 260^0\ 25'.1$$
$$n = 22^0.577009$$
$$E - E_0 = +4'.05 \sin(47^0.8 - 0^0.51\, t)$$
$$l = E_0 + n t_d + (E - E_0)$$
$$\Omega = 167^0\ 51'.2 + 35'.84 \sin(47^0.8 - 0^0.506\, t) + 0'.837\, t$$
$$i = 27^0\ 28'.4 + 16'.88 \cos(47^0.8 - 0^0.506\, t)$$
$$\Pi = 276^0\ 15' + 31'.7\, t + 22'.0 (\sin 2g - \sin 2g_0)$$
$$e = 0.02886 + 0.000186\ (\cos 2g_0 - \cos 2g)$$
$$g = \Pi - \Omega - 4^0.5$$
$$g_0 = g \text{ für } t = 0$$
$$a = 176''.578$$

HYPERION (II, Seite 290)
Epoche: 1890 Jan. 0.0 Mittl. Zt. Grw.

$E_0 = 304^\circ.53$
$n = 16^\circ.919983$
$\delta l = 9^\circ.16 \sin (200^\circ.5 + 0^\circ.56206\, t_d)$
$l = E_0 + n t_d + \delta l$

Äquinoktium 1890.0. Epoche 1890.0 + t

$\Omega = 167^\circ\, 49'.7 + 42'.4 \sin (47^\circ.8 - 0^\circ.50\, t) + 78'.1 \sin (121^\circ.7 - 2^\circ.0\, t)$
$i = 27^\circ\, 20'.8 + 19'.6 \cos (47^\circ.8 - 0^\circ.50\, t) + 36'.2 \cos (121^\circ.7 - 2^\circ.0\, t)$

Epoche und Äquinoktium: 1888.890 + t

$\Pi = 276^\circ.50 - 18^\circ.663\, t + 14^\circ.0 \sin (-0^\circ.84 + 19^\circ.191\, t) - 1^\circ.5 \sin (-1^\circ.68 + 38^\circ.382\, t)$
$e = 0.1043 + 0.0230 \cos (-0^\circ.84 + 19^\circ.191\, t) + \delta e$
$e \delta e = -0.00044 \cos (200^\circ.5 + 0^\circ.56206\, t_d)$
$a = 213''.92 + \delta a$
$\delta a = -0.00354\, a \cos (200^\circ.5 + 0.56206\, t_d).$

JAPETUS (I, Seite 87; II, Seite 139)
Epoche: 1885 Sept. 1.0 Mittl. Zt. Grw.

$E_0 = 75^\circ\; 26'.4$
$n = 4^\circ.537997$
$l = E_0 + n t_d$
$\Omega = 142^\circ\; 12'.4 - 1'.48\, t$
$i = 18^\circ\; 28'.3 - 0'.54\, t$
$\Pi = 354^\circ\; 30' + 7'\,9\, t$
$e = 0\,02836 + 0.000015\, t$
$a = 514''.59$

Hierin bedeuten:

l_1, l = Mittlere Länge in der Bahn
n = Tropische mittlere tägliche Bewegung
δl = Libration
t_d = Anzahl der Tage seit der Anfangsepoche
t = Anzahl der Jahre seit der Anfangsepoche
Θ = Knoten auf dem Saturnsäquator
Ω = Knoten auf der Ekliptik
γ = Neigung der Trabantenbahn gegen den Saturnsäquator
i = Neigung der Trabantenbahn gegen die Ekliptik
Π_1, Π = Perisaturnium
e = Exzentrizität
a = Halbachse der Trabantenbahn in der mittleren Entfernung $(\Delta) = 9.53887$

l_1, Π_1 und Θ werden gezählt vom Äquinoktium aus in der Ekliptik, weiter im Saturnsäquator und dann erst in der Trabantenbahn, l und Π vom Äquinoktium aus in der Ekliptik und weiter in der Trabantenbahn.

Zunächst sind für die fünf inneren Trabanten auf den Seiten 412 bis 419 die Hilfsmittel gegeben, um in bequemer Weise ihre Positionen ableiten zu können. Sieht man hierbei von den Neigungen γ ab, so

erhält man die rechtwinkligen Koordinaten x und y des Trabanten in bezug auf ein Achsenkreuz, dessen Anfangspunkt im Mittelpunkt des Saturn gelegen ist, dessen X-Achse parallel der großen Achse des Ringes verläuft, positiv, wenn östlich, negativ, wenn westlich vom Saturn, und dessen positive Y-Achse mit dem durch den Saturnsmittelpunkt gehenden Stundenkreise den Winkel P einschließt, aus den Gleichungen:

$$x = \frac{a(\varDelta)}{\varDelta} \frac{1}{1+\zeta} \frac{r}{a} \sin(u-U)$$

$$y = \frac{a(\varDelta)}{\varDelta} \frac{1}{1+\zeta} \frac{r}{a} \sin B \cos(u-U).$$

$(\varDelta) = 9.53887$ bezeichnet den mittleren Wert der Entfernung Sonne—Saturn, $\varDelta$ ist die Entfernung Erde—Saturn, $u = L + (v-M)$ ist die wahre Länge des Trabanten vom Erdäquator an gezählt.

Ist genaueste Ortsbestimmung erforderlich, so darf man bei Mimas, Tethys und Rhea die Neigungen gegen den Saturnsäquator, da sie schon merklichere Werte annehmen, nicht mehr vernachlässigen; x und y ergeben sich dann aus:

$$x = \frac{a(\varDelta)}{\varDelta} \frac{1}{1+\zeta} \frac{r}{a} \sin(u-U)$$

$$y = \frac{a(\varDelta)}{\varDelta} \frac{1}{1+\zeta} \frac{r}{a} \sin B \left[\cos(u-U) + \sin\gamma \operatorname{cotg} B \sin(u-\vartheta)\right].$$

Die Werte von ϑ, der Länge des aufsteigenden Knotens der Trabantenbahn auf dem Saturnsäquator, gezählt vom Schnittpunkte des Saturnsäquators mit dem Erdäquator, finden sich auf Seite 422; auch ist hier für Rhea γ, weil stärker mit der Zeit veränderlich, in Intervallen von 16 Tagen gegeben.

Will man aus x und y die Rektaszensions- und Deklinationsdifferenzen bestimmen, so dienen dazu die Gleichungen:

$$s \sin(p-P) = x$$

$$s \cos(p-P) = y$$

$$\varDelta\alpha = \alpha_{tr} - \alpha_{pl} = \frac{1}{15} s \sin p \sec \delta_{tr}$$

$$\varDelta\delta = \delta_{tr} - \delta_{pl} = s \cos p.$$

Auf den Seiten 423—431 finden sich für die drei äußeren Trabanten Titan, Hyperion und Japetus, außer den Hilfsgrößen U, B und P, die Rektaszensions- und Deklinationsunterschiede gegen den Saturn in dem Sinne Trabant minus Planet. Die aus den Angaben des Berliner Jahrbuchs ermittelten Trabantenörter sind wahre Örter und beziehen sich auf das mittlere Äquinoktium der Epoche.

Zum Schluß enthalten die Seiten 432—435 die Zeitangaben (in Welt-Zeit) für die östlichen Elongationen von Mimas, Enceladus, Tethys,

Dione, Rhea, ferner für die östlichen und westlichen Elongationen ($u - U = \pm 90^\circ$) und für die oberen und unteren Konjunktionen ($u - U = 0^\circ, 180^\circ$) von Titan, Hyperion und Japetus mit Saturn; diese Zeitangaben für die Elongationen und Konjunktionen sind bereits für Lichtzeit korrigiert, also ohne weiteres mit den Beobachtungen vergleichbar.

Konstellationen (S. 436).

In der Übersicht der Konstellationen des Jahres 1927 sind die hauptsächlichsten Planeten-Konstellationen gegeneinander und gegen Sonne und Mond, sowie die Angaben der Epochen, zu welchen sich die Planeten in gewissen Hauptpunkten ihrer Bahn und ihres synodischen Laufes befinden, zusammengestellt. Die Bedeutung der hier verwendeten Zeichen siehe Seite VIII des Vorworts. — Die Konjunktionen der Planeten mit dem Mond und ihre gegenseitigen sind als Konjunktionen in AR. zu verstehen. Die Konjunktionen von Uranus und Neptun mit dem Mond sind nicht angeführt.

Hilfstafeln (S. 437—456).

Es folgt eine Reihe von häufig gebrauchten Hilfstafeln.

1) Tafeln für Präzessionswerte (S. 437—439).

a) Präzession in Rektaszension und Deklination (Seite 437)

$$p_\alpha = m + \tfrac{1}{15} n \sin\alpha \operatorname{tg}\delta$$
$$p_\delta = n \cos\alpha$$

b) Präzessionswerte m, n, ψ, π, Π und ε, die mittlere Schiefe der Ekliptik (Seite 437).

Mit diesen Werten berechnet sich die Präzession für die Elemente einer Bahnebene im System der Ekliptik nach:

$$p_\Omega = \psi - \pi \operatorname{cotg} i \sin(\Pi - \Omega)$$
$$p_i = -\pi \cos(\Pi - \Omega)$$
$$p_\omega = \pi \operatorname{cosec} i \sin(\Pi - \Omega)$$

und im System des Äquators nach:

$$p_{\Omega'} = m - n \operatorname{cotg} i' \cos \Omega'$$
$$p_{i'} = - n \sin \Omega'$$
$$p_{\omega'} = n \cos \Omega' \operatorname{cosec} i'$$

c) Präzession in Länge und Breite (Seite 438—439).

$$p_\lambda = \psi + \pi \operatorname{tg}\beta \cos(\Pi - \lambda)$$
$$p_\beta = \pi \sin(\Pi - \lambda)$$

Den Tafeln a) und c) liegen die Präzessionswerte für 1925.0 zugrunde. Über die Bedeutung der Bezeichnungen und die Zahlenwerte vergleiche die Erläuterungen zum Jahrbuch für 1916.

2) Tafel des halben Tagbogens (S. 440—441), berechnet mit der Horizontalrefraktion 34'.9 für geographische Breiten von + 30° bis + 60° und Deklinationen von —30° bis +30°.

3) Reduktionstafeln für die Auf- und Untergangszeiten der Sonne und des Mondes (S. 442—445). Sie geben die Reduktion der für + 50° Breite gültigen Zeiten, wie sie in den Ephemeriden enthalten sind, auf geographische Breiten zwischen +30° und +60° und sind mit der Horizontalrefraktion 34'.9 für das Erscheinen oder Verschwinden des oberen Gestirnsrandes gerechnet.

4) Eine Tafel für die Ermittelung eines Datums in der Julianischen Periode (Seite 446—449.) Die Tafel besteht aus zwei Teilen: Der erste Teil (S. 446—447) gibt in vierjährigen Schaltperioden für die Jahre 0 bis 2000 die Anzahl der am 0. Januar, 12^h Welt-Zeit, seit Anfang der Julianischen Periode verflossenen Tage. Als Ergänzung gibt die Hilfstafel am Fuß der Seite die Anzahl der am 0. jedes Monats, 12^h Welt-Zeit, seit Beginn der Schaltperiode verflossenen Tage. Der zweite Teil (S. 448—449) gibt für die Jahre 1860—1939 unmittelbar die Anzahl der am 0. jedes Monats, 12^h Welt-Zeit, seit Beginn der Julianischen Periode verflossenen Tage.

5) Hilfstafeln zur Verwandlung von Mittlerer Zeit in Sternzeit (S. 450) und von Sternzeit in Mittlere Zeit (S. 451).

6) Eine Tafel zur Verwandlung von Stunden, Minuten und Sekunden in Dezimalteile des Tages und umgekehrt (S. 452—453).

7) Die Tafel zur Berechnung der optischen Mondlibration (S. 454—455) gibt mit dem Argument $\lambda - \Omega$ die Werte $\Delta\lambda$, a und B entsprechend den Gleichungen:

$$\Delta\lambda = \frac{1}{\operatorname{arc} 1'} \operatorname{tang}^2 \frac{1}{2} J \sin 2 (\lambda - \Omega)$$

$$a = -\cos(\lambda - \Omega) \sin J$$

$$\operatorname{tang} B = -\sin(\lambda - \Omega) \operatorname{tang} J$$

J = Neigung des Mondäquators gegen die Ekliptik.

Ω = Länge des aufsteigenden Knotens der Mondbahn auf der Ekliptik (s. S 400).

λ, β = Länge und Breite des Mondmittelpunktes, berechnet für den Beobachtungsort.

Bezeichnen noch $L_☾$ die mittlere Länge des Mondes, l' und b' die optische Libration der Mondmitte in selenographischer Länge und Breite, so ist:

$$l' = \lambda - L_☾ + \Delta\lambda - a(B - \beta)$$

$$b' = B - \beta\cdot$$

Der Winkel C, welchen der Mondmeridian des Mittelpunktes der scheinbaren Mondscheibe mit dem Stundenkreise bildet, ergibt sich aus der Gleichung:

$$\sin C = -\sin i \frac{\cos(L_☾ + l' + \varDelta - ☊)}{\cos \delta_☾} = -\sin i \frac{\cos(\alpha_☾ - ☊')}{\cos \delta'},$$

worin $\alpha_☾$, $\delta_☾$ Rektaszension und Deklination des Mondmittelpunktes, gesehen vom Beobachtungsort aus, bezeichnen; die anderen vorkommenden Größen i, $\varDelta$, ☊ und ☊' haben schon auf S. 473 ihre Erklärung gefunden.

8) Eine Tafel der Hilfsgrößen s und c (S. 456) zur Berechnung der geozentrischen Breite φ' und der geozentrischen Entfernung ϱ eines Erdortes, ausgedrückt in Einheiten der großen Halbachse des Erdellipsoids, aus der geographischen Breite φ nach den Formeln:

$$\varrho \sin \varphi' = s \sin \varphi$$
$$\varrho \cos \varphi' = c \cos \varphi$$

Darin haben s und c die Bedeutung:

$$s = \frac{1 - e^2}{\sqrt{1 - e^2 \sin^2 \varphi}}, \quad c = \frac{1}{\sqrt{1 - e^2 \sin^2 \varphi}}, \quad e = \sqrt{2\mathfrak{a} - \mathfrak{a}^2}$$

Gemäß den Beschlüssen der Pariser Ephemeridenkonferenz von 1911 ist dabei die Abplattung $\mathfrak{a} = \frac{1}{297.0}$ angenommen.

Koordinaten der Sternwarten (S. 457—464).

Die Seiten 457—464 enthalten die geographischen und geozentrischen Koordinaten der Sternwarten.

Die Seehöhen sind in allen Fällen angegeben, wo sie sich einigermaßen sicher ermitteln ließen.

Die geographischen Längen sind auf den Meridian von Greenwich bezogen und dem entsprechend gibt die »Korrektion der Sternzeit« die Differenz: Orts-Sternzeit minus Greenwicher Sternzeit an.

Die geozentrischen Koordinaten sind den Beschlüssen der Pariser Ephemeridenkonferenz vom Oktober 1911 gemäß unter Annahme der Abplattung 1 : 297.0 berechnet.

Bei Berechnung von log ϱ ist die Seehöhe berücksichtigt.

Normalzeiten der wichtigeren Länder (S. 465).

Hier sind die in den wichtigeren Ländern eingeführten Normalzeiten in zwei Gruppen zusammengestellt, je nachdem sie an den Meridian von Greenwich angeschlossen sind oder einen eigenen Landes-Meridian zugrunde legen.

Berichtigungen.

Jahrbuch 1926, S. 17. Nov. 7. Breite der Sonne: +0.″59 anstatt +0.″49.

S. 308 ff. ζ Octantis. Die Rektaszensionen sind um folgende Beträge zu verbessern:

von	Jan. 0	bis	Jan. 9	0.ˢ00		von	Juli 4	bis	Juli 22	—0.ˢ10
»	Jan. 10	»	Jan. 29	—0.01		»	Juli 23	»	Aug. 11	—0.11
»	Jan. 30	»	Febr. 16	—0.02		»	Aug. 12	»	Aug. 30	—0.12
»	Febr. 17	»	März 8	—0.03		»	Aug. 31	»	Sept. 19	—0.13
»	März 9	»	März 27	—0.04		»	Sept. 20	»	Okt. 8	—0.14
»	März 28	»	April 16	—0.05		»	Okt. 9	»	Okt. 28	—0.15
»	April 17	»	Mai 5	—0.06		»	Okt. 29	»	Nov. 16	—0.16
»	Mai 6	»	Mai 25	—0.07		»	Nov. 17	»	Dez. 6	—0.17
»	Mai 26	»	Juni 13	—0.08		»	Dez. 7	»	Dez. 25	—0.18
»	Juni 14	»	Juli 3	—0.09		»	Dez. 26	»	Dez. 32	—0.19

S. 309 ff. Octantis 20 G. Die Deklinationen sind um folgende Beträge zu verbessern:

von	Jan. 0	bis	Jan. 13	0.″00		von	Juli 17	bis	Aug. 12	—0.″08
»	Jan. 14	»	Febr. 8	—0.01		»	Aug. 13	»	Sept. 7	—0.09
»	Febr. 9	»	März 7	—0.02		»	Sept. 8	»	Okt. 4	—0.10
»	März 8	»	April 3	—0.03		»	Okt. 5	»	Okt. 31	—0.11
»	April 4	»	April 29	—0.04		»	Nov. 1	»	Nov. 26	—0.12
»	April 30	»	Mai 24	—0.05		»	Nov. 27	»	Dez. 23	—0.13
»	Mai 25	»	Juni 20	—0.06		»	Dez. 24	»	Dez. 32	—0.14
»	Juni 21	»	Juli 16	—0.07						

S. 413. April 18 lieſs ♀ anstatt ☿.

S. 413. August 18 6^h ♆ ☌ ☉ ist nachzutragen.

S. 433. Das Vorzeichen von *A* zwischen 6^h und 12^h und 18^h und 24^h ist — anstatt +.

S. 447. Zeile 19 von oben lieſs: ersten Differenzen anstatt stündlichen Änderungen.

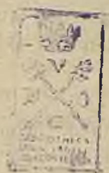
Jahrbuch 1927, S. 224. Die Rektaszension von 560) γ Triang. austr. ist $15^h\ 12^m$ anstatt $15^h\ 11^m$. Der mittlere Ort ist $15^h\ 12^m\ 4^s.15$.

S. 281. Grb 750. Die Deklination ist +85° 21′ anstatt +85° 42′.

S. 350. In der Datumspalte lieſs August 19, 20, 21 anstatt 19, 21, 20.

S. 436. Febr. 15 und Aug. 20 lieſs ♆ anstatt ψ.

Alphabetisches Sachregister.



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